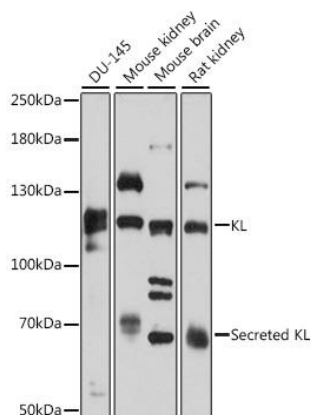
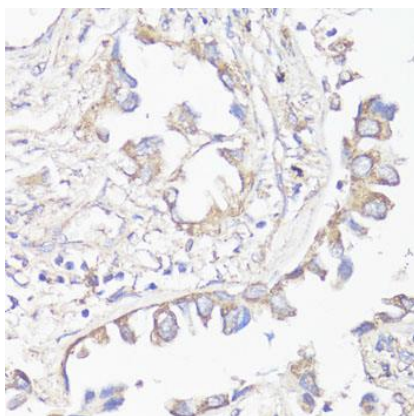


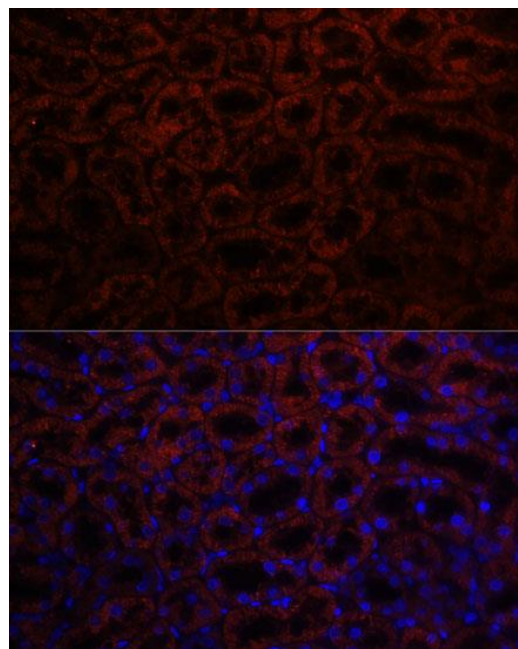
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | KL                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cat number:</b>       | AB-84310                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Size:</b>             | 100 ug                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clone:</b>            | POLY                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Host:</b>             | Rb                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen:</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human KL                                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity:</b>       | Hu, Ms, Rt                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Applications:</b>     | Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200<br>Immunofluorescence: 1:50 - 1:200                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Weight:</b> | 65kDa, 120kDa                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification:</b>     | Aff. Pur.                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Buffer:</b>           | PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage:</b>          | Store at -20°C. Avoid freeze / thaw cycles.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Background:</b>       | This gene encodes a type-I membrane protein that is related to beta-glucosidases. Reduced production of this protein has been observed in patients with chronic renal failure (CRF), and this may be one of the factors underlying the degenerative processes (e.g., arteriosclerosis, osteoporosis, and skin atrophy) seen in CRF. Also, mutations within this protein have been associated with ageing and bone loss. |



Western blot analysis of extracts of various cell lines, using KL antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 5s.



Immunohistochemistry of paraffin Embedded human lung cancer using KL antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of rat kidney using KL antibody at dilution of 1:100. Blue: DAPI for nuclear staining.