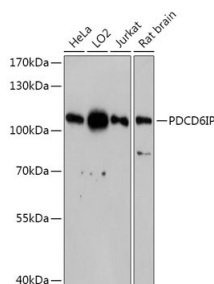


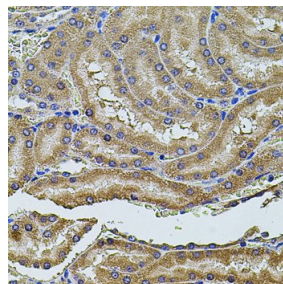
|                          |   |
|--------------------------|---|
| <b>Cat. No:</b>          | AB-83879  |
| <b>Size:</b>             | 100 ug  |
| <b>Clone:</b>            | POLY  |
| <b>Concentration:</b>    | 1mg/ml  |
| <b>Host:</b>             | Rb  |
| <b>Isotype:</b>          | IgG   |
| <b>Immunogen:</b>        | Recombinant Fusion protein of Human Alix  |
| <b>Reactivity:</b>       | Hu, Ms, Rt  |
| <b>Applications:</b>     | Western Blot : 1:1000<br>Immunohistochemistry: 1:50 - 1:100<br>Immunofluorescence: 1:50-1:100 |
| <b>Molecular Weight:</b> | 105kDa  |
| <b>Purification:</b>     | Aff. Pur.   |
| <b>Synonyms:</b>         | PDCD6IP; AIP1; ALIX; DRIP4; HP95;   |

**Background:** This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intraluminal endosomal vesicle formation, and in enveloped virus budding. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. Related pseudogenes have been identified on chromosome 15.

|                 |   |
|-----------------|---|
| <b>Form:</b>    | Liquid  |
| <b>Buffer:</b>  | Supplied in Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.         |
| <b>Storage:</b> | At +4°C for short term. At -20°C for longer term. Avoid freeze / thaw cycles. |



Western blot analysis of extracts of various cell line, using Alix at a dilution of 1:1000.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10,000 dilution.  
Lysates/proteins: 20ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded rat kidney using Alix antibody - dilution: 1:100

Detection: ECL West Pico Kit  
Exposure time: 3 min.

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