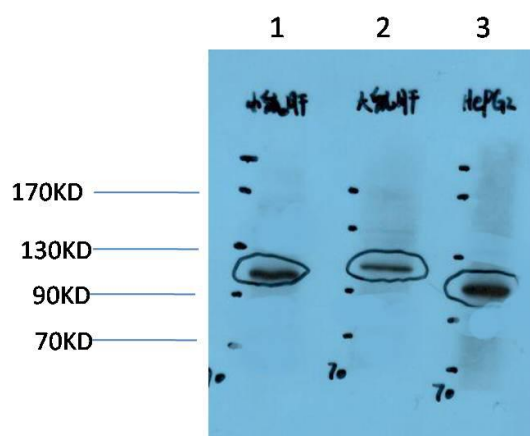
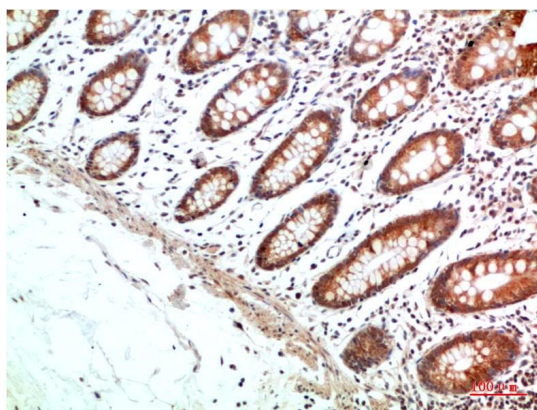




|                          |                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | HIF-1α Rabbit Polyclonal Antibody                                                                                                                                                                                                                               |
| <b>Cat number:</b>       | AB-80484                                                                                                                                                                                                                                                        |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                    |
| <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 Protein                                                                                                                                                                                                                                             |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                               |
| <b>Applications:</b>     | WesternBlot:1/500-1000 Immunohistochemistry:1/100-200                                                                                                                                                                                                           |
| <b>Molecular Weight:</b> | Observed MW band: 90-130 kDa                                                                                                                                                                                                                                    |
| <b>Purification:</b>     | Aff. Pur.                                                                                                                                                                                                                                                       |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                          |
| <b>Buffer:</b>           | PBS with 0.02% sodium azide and 50% glycerol pH 7.4.                                                                                                                                                                                                            |
| <b>Storage:</b>          | Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                              |
| <b>Background:</b>       | Hypoxia-inducible factor 1-α, also known as HIF-1-α, is a protein that in humans is encoded by the HIF1A gene. HIF-1-α found in mammalian cells growing at low oxygen concentrations. It plays an essential role in cellular and systemic responses to hypoxia. |



Western blot analysis of 1) Mouse Liver Tissue Lysate, 2) Rat Liver Tissue Lysate, 3) HepG2 Cell Lysate using HIF-1α Rabbit pAb diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using HIF-1α Rabbit pAb diluted at 1:200