

## P3H2 Polyclonal Antibody

**Catalog No.** E-AB-17935

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

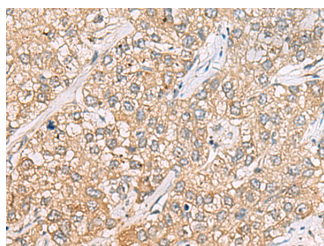
### Description

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| <b>Reactivity</b>   | Human, Mouse, Rat                                       |
| <b>Immunogen</b>    | Synthetic peptide of human P3H2                         |
| <b>Host</b>         | Rabbit                                                  |
| <b>Isotype</b>      | IgG                                                     |
| <b>Purification</b> | Antigen affinity purification                           |
| <b>Conjugation</b>  | Unconjugated                                            |
| <b>Buffer</b>       | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |

### Applications Recommended Dilution

|              |                |
|--------------|----------------|
| <b>IHC</b>   | 1:50-1:100     |
| <b>ELISA</b> | 1:5000-1:10000 |

### Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using P3H2 Polyclonal Antibody at dilution of 1:30(×200)

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

This gene encodes a member of the prolyl 3-hydroxylase subfamily of 2-oxo-glutarate-dependent dioxygenases. These enzymes play a critical role in collagen chain assembly, stability and cross-linking by catalyzing post-translational 3-hydroxylation of proline residues. Mutations in this gene are associated with nonsyndromic severe myopia with cataract and vitreoretinal degeneration, and downregulation of this gene may play a role in breast cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

### For Research Use Only