

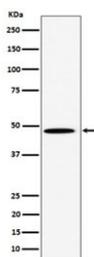
P4HTM Antibody / HIF Prolyl Hydroxylases / HIFPH4 [clone 28P22] (RQ8306)

| Catalog No. | Formulation | Size |
|-------------|--|--------|
| RQ8306 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Rabbit |
| Clonality | Recombinant Rabbit Monoclonal |
| Isotype | Rabbit IgG |
| Clone Name | 28P22 |
| Purity | Affinity chromatography |
| UniProt | Q9NXG6 |
| Applications | Western Blot : 1:500-1:2000 |
| Limitations | This P4HTM antibody is available for research use only. |



Western blot testing of human HeLa cell lysate with P4HTM antibody. Predicted molecular weight: 47-63 kDa (three isoforms).

Description

Catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates HIF1A at 'Pro-402' and 'Pro-564'. May function as a cellular oxygen sensor and, under normoxic conditions, may target HIF through the hydroxylation for proteasomal degradation via the von Hippel-Lindau ubiquitination complex. [UniProt]

Application Notes

Optimal dilution of the P4HTM antibody should be determined by the researcher.

Immunogen

A synthetic peptide derived from human HIF Prolyl Hydroxylases was used as the immunogen for the P4HTM antibody.

Storage

Store the P4HTM antibody at -20oC.