

P3H2 Conjugated Antibody

Catalog No: #C31959



Package Size: #C31959-AF350 100ul #C31959-AF405 100ul #C31959-AF488 100ul
 #C31959-AF555 100ul #C31959-AF594 100ul #C31959-AF647 100ul
 #C31959-AF680 100ul #C31959-AF750 100ul #C31959-Biotin 100ul

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Description

| | |
|-----------------------|--|
| Product Name | P3H2 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | Synthetic peptide of human P3H2 |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Target Name | P3H2 |
| Other Names | MCVD; MLAT4; LEPREL1 |
| Accession No. | Swiss-Prot#: Q969R5NCBI Gene ID: NP_060662 |
| Uniprot | Q969R5 |
| GeneID | 83746; |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at -20°C/1 year |

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only