

## Mouse P4HA1 Monoclonal Antibody | anti-P4HA1 antibody

P4HA1 Mouse anti-Human Monoclonal (4F1) Antibody

| CATALOG # | HOST  | REACTIVITY        | APPLICATIONS                                                  |
|-----------|-------|-------------------|---------------------------------------------------------------|
| AAA163205 | Mouse | Mouse, Rat, Human | Western Blot, Immunohistochemistry, Immunofluorescence, ELISA |

### PRODUCT SYNONYMS

P4HA1; Monoclonal Antibody; P4HA1 Mouse anti-Human Monoclonal (4F1) Antibody; PathPlus P4HA1 Antibody (clone 4F1); 4-PH alpha-1; C-P4HalpHa(I); p4HA; p4HA1; anti-P4HA1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                               |
|-------------------------------------------------|-------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                         |
| Reactivity                                      | Mouse, Rat, Human                                                             |
| Clonality                                       | Monoclonal                                                                    |
| Isotype                                         | IgG1                                                                          |
| Clone Number                                    | 4F1                                                                           |
| Purity/Purification                             | Protein A+G purification                                                      |
| Form/Format                                     | PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol                                  |
| Concentration                                   | 1mg/ml (varies by lot)                                                        |
| Applicable Applications for anti-P4HA1 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA |
| Target                                          | Human P4HA1                                                                   |
| Immunogen                                       | Prolyl 4-hydroxylase, alpha polypeptide I                                     |
| Conjugation                                     | Unconjugated                                                                  |
| Preparation and Storage                         | Store at -20 degree C for up to 1 year. Avoid freeze/thaw cycles.             |

### IMAGES



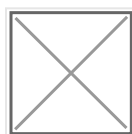
**IHC (Immunohistochemistry)**

P4HA1 Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



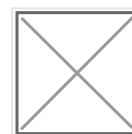
**IHC (Immunohistochemistry)**

P4HA1 Antibody-Human Skeletal Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)



**IHC (Immunohistochemistry)**

P4HA1 Antibody-Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)



**IHC (Immunohistochemistry)**

P4HA1 Antibody-Human Thyroid: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-P4HA1 antibody | P4HA1 antibody is an unconjugated mouse monoclonal antibody to P4HA1 from human. It is reactive with human, mouse and rat. Validated for ELISA, IF, IHC and WB. |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 63252886                                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 5033                                                                                                                                                                                                                                                          |
| NCBI Accession #                 | NP_000908.2                                                                                                                                                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_000917                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P13674; Q15082; Q15083; Q5VSQ5; C9JL12                                                                                                                                                                                                                        |
| Molecular Weight                 | 58,958 Da                                                                                                                                                                                                                                                     |
| NCBI Official Full Name          | prolyl 4-hydroxylase subunit alpha-1 isoform 1                                                                                                                                                                                                                |
| NCBI Official Synonym Full Names | prolyl 4-hydroxylase, alpha polypeptide I                                                                                                                                                                                                                     |
| NCBI Official Symbol             | P4HA1                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | P4HA                                                                                                                                                                                                                                                          |
| NCBI Protein Information         | prolyl 4-hydroxylase subunit alpha-1; C-P4Halpha(I); collagen prolyl 4-hydroxylase alpha(I); procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-1; procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide I |
| UniProt Protein Name             | Prolyl 4-hydroxylase subunit alpha-1                                                                                                                                                                                                                          |
| UniProt Gene Name                | P4HA1                                                                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | P4HA; 4-PH alpha-1                                                                                                                                                                                                                                            |
| UniProt Entry Name               | P4HA1_HUMAN                                                                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/p4ha1-antibody-clone-4f1-western-blot-immunohistochemistry-immunofluorescence-elisa/163205>