



# VWA1 Polyclonal Antibody

|                                  |                                                                                                                                                                                                                                                                   |
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| <b>Catalog No</b>                | YP-Ab-06805                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>                | Human;Rat;Mouse                                                                                                                                                                                                                                                   |
| <b>Applications</b>              | WB;ELISA                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                 | VWA1                                                                                                                                                                                                                                                              |
| <b>Protein Name</b>              | von Willebrand factor A domain-containing protein 1                                                                                                                                                                                                               |
| <b>Immunogen</b>                 | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                     |
| <b>Specificity</b>               | VWA1 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                    |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                    |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                            |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                             |
| <b>Dilution</b>                  | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                  |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                           |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                              |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                   |
| <b>Observed Band</b>             | 48kD                                                                                                                                                                                                                                                              |
| <b>Cell Pathway</b>              | Secreted, extracellular space, extracellular matrix, basement membrane .                                                                                                                                                                                          |
| <b>Tissue Specificity</b>        | Pancreas,Placenta,                                                                                                                                                                                                                                                |
| <b>Function</b>                  | function:Promotes matrix assembly.,PTM:N-glycosylated.,similarity:Contains 1 VWFA domain.,similarity:Contains 2 fibronectin type-III domains.,subunit:Homodimer or homomultimer. Interacts with HSPG2.,                                                           |
| <b>Background</b>                | VWA1 belongs to the von Willebrand factor (VWF; MIM 613160) A (VWFA) domain superfamily of extracellular matrix proteins and appears to play a role in cartilage structure and function (Fitzgerald et al., 2002 [PubMed 12062410]).[supplied by OMIM, Nov 2010], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                              |
| <b>Usage suggestions</b>         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                 |



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