

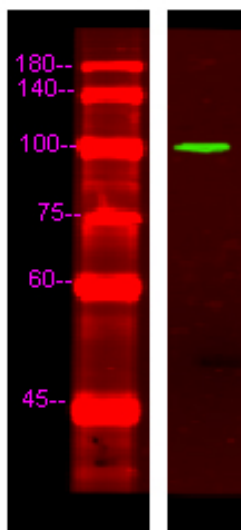


# EDEM3 Polyclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-05576                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>                | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>              | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                 | EDEM3 C1orf22                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Name</b>              | ER degradation-enhancing alpha-mannosidase-like 3                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen</b>                 | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>               | EDEM3 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>             | 102kD                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>              | Endoplasmic reticulum lumen .                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b>        | Brain,Liver,Lung,Placenta,Testis,Whole embr                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b>                  | domain:Contains a protease-associated domain (PA) of unknown function.,function:Involved in endoplasmic reticulum-associated degradation (ERAD). Accelerates the glycoprotein ERAD by proteasomes. This process depends on mannose-trimming from the N-glycans. Seems to have alpha 1,2-mannosidase activity.,PTM:N-glycosylated.,similarity:Belongs to the glycosyl hydrolase 47 family.,similarity:Contains 1 PA (protease associated) domain., |
| <b>Background</b>                | Quality control in the endoplasmic reticulum (ER) ensures that only properly folded proteins are retained in the cell through recognition and degradation of misfolded or unassembled proteins. EDEM3 belongs to a group of proteins that accelerate degradation of misfolded glycoproteins in the ER (Hirao et al., 2006 [PubMed 16431915]).[supplied by OMIM, Mar 2008],                                                                        |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                              |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of Hela lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000