



EDEM3 Polyclonal Antibody

Catalog No	YP-Ab-05576
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	EDEM3 C1orf22
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	EDEM3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ER degradation-enhancing alpha-mannosidase-like protein 3;EC:3.2.1.113; C1orf22;Alpha-1;2-mannosidase EDEM3;EDEM3;EDEM3 C1orf22;ER degradation-enhancing alpha-mannosidase-like 3
Observed Band	102kD
Calculated Molecular Weight	102kD
Cell Pathway	Endoplasmic reticulum lumen .
Tissue Specificity	Brain,Liver,Lung,Placenta,Testis,Whole embr
Function	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.,
Background	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],

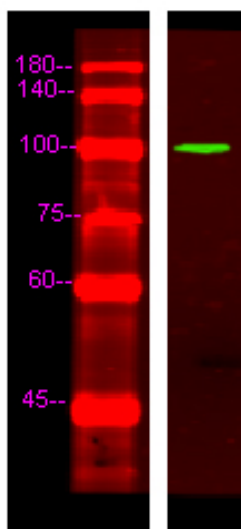
matters needing attention

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