

EDEM2 Polyclonal Antibody

Catalog No :	YT1458
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;ELISA
Target :	EDEM2
Fields :	>>Protein processing in endoplasmic reticulum
Gene Name :	EDEM2
Protein Name :	ER degradation-enhancing alpha-mannosidase-like 2
Human Gene Id :	55741
Human Swiss Prot	Q9BV94
Immunogen :	Synthesized peptide derived from the C-terminal region of human EDEM2.
Specificity :	EDEM2 Polyclonal Antibody detects endogenous levels of EDEM2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:10000 IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	65kD



Background :	In the endoplasmic reticulum (ER), misfolded proteins are retrotranslocated to the cytosol and degraded by the proteasome in a process known as ER-associated degradation (ERAD). EDEM2 belongs to a family of proteins involved
	in ERAD of glycoproteins (Mast et al., 2005 [PubMed 15537790]).[supplied by OMIM, Mar 2008],
Function :	similarity:Belongs to the glycosyl hydrolase 47 family.,
Subcellular Location :	Endoplasmic reticulum lumen .
Expression :	Expressed ubiquitously in all tissues tested with slightly higher levels detected in small intestine and peripheral blood leukocytes and weakest levels in brain and skeletal muscle.
Sort :	5396
No4 :	1

Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).