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EDEM1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12744

Specification

EDEM1 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q92611
Other Accession	NM_014674, NP_055489
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Yeast, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Chicken, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**74kDa KDa**

EDEM1 antibody - N-terminal region - Additional Information

Gene ID 9695

Alias Symbol	**EDEM, KIAA0212**

Other Names
ER degradation-enhancing alpha-mannosidase-like protein 1, EDEM1, EDEM, KIAA0212

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-EDEM1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
EDEM1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

EDEM1 antibody - N-terminal region - Protein Information

Name EDEM1

Synonyms EDEM, KIAA0212

Function
Extracts misfolded glycoproteins, but not glycoproteins undergoing productive folding, from the calnexin cycle. It is directly involved in endoplasmic reticulum-associated degradation (ERAD) and targets misfolded glycoproteins for degradation in an N-glycan- independent manner, probably by forming a complex with SEL1L. It has low mannosidase activity, catalyzing mannose trimming from Man8GlcNAc2 to Man7GlcNAc2.

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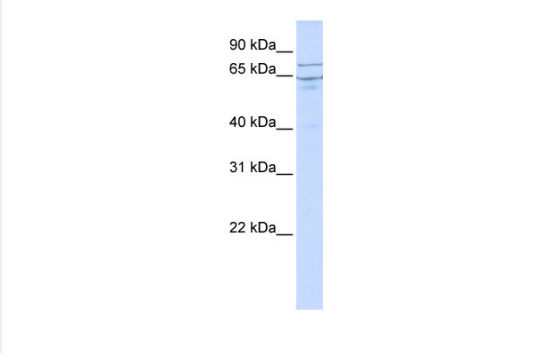
Cellular Location
Endoplasmic reticulum membrane; Single-pass type II membrane protein

EDEM1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EDEM1 antibody - N-terminal region - Images



WB Suggested Anti-EDEM1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: 721_B cell lysate
EDEM1 is supported by BioGPS gene expression data to be expressed in 721_B

EDEM1 antibody - N-terminal region - References

Zuber,C.,(2007)Proc.Natl.Acad.Sci.U.S.A.104(11),4407-4412ReconstitutionandStorage:Forshortterm use,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.