

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

EDEM1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O92611
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.

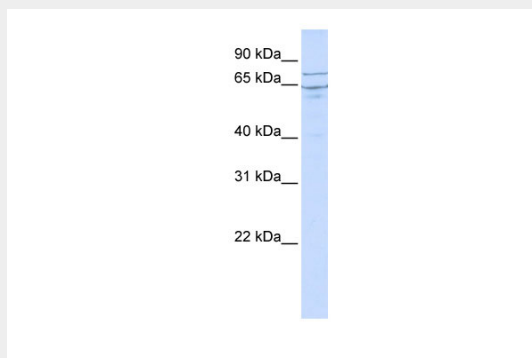
Cellular Location

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 Cytometry](#)
- [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), 4407-4412 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.