10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EDEM1 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10701

Specification

EDEM1 Antibody - Product Information

Application	**WB**
Primary Accession	Q925U4
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**73701**

EDEM1 Antibody - Additional Information

Gene ID 192193

Positive Control	**Rat Kidney tissue lysate**
Application & Usage	**Western blot: (1:200 dilution) Use 0.5 – 4 µg/ml based on your sample type.**

Other Names
ER degradation-enhancing alpha-mannosidase-like protein 1

Target/Specificity
EDEM1

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) antibody in 1 x PBS pH 7.2, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
EDEM1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

EDEM1 Antibody - Protein Information

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Name Edem1

Synonyms Edem

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 - 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 - Images

EDEM1 Antibody - Background

EDEM1 belongs to the glycosyl hydrolase 47 family. It 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-dependent manner.