

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



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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- 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.