

Anti-EDEM1 Antibody
Catalog # AP53811**Specification**

Anti-EDEM1 Antibody - Product Information

Application	WB
Primary Accession	Q92611
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73768

Anti-EDEM1 Antibody - Additional Information**Gene ID** 9695**Other Names**

EDEM; KIAA0212; ER degradation-enhancing alpha-mannosidase-like protein 1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EDEM1. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-EDEM1 Antibody - 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

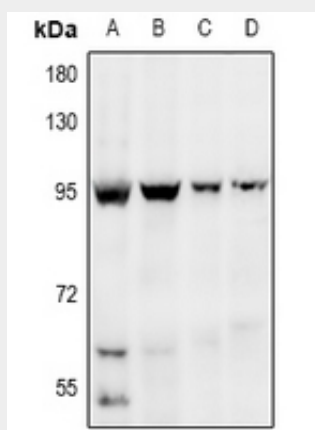
Endoplasmic reticulum membrane; Single-pass type II membrane protein

Anti-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 Cytometry](#)
- [Cell Culture](#)

Anti-EDEM1 Antibody - Images



Western blot analysis of EDEM1 expression in LO2 (A), HCT116 (B), HCC827 (C), rat spleen (D) whole cell lysates.

Anti-EDEM1 Antibody - Background

Rabbit polyclonal antibody to EDEM1