

Product datasheet for **TA341949**

EDEM1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EDEM1 antibody: synthetic peptide directed towards the N terminal of human EDEM1. Synthetic peptide located within the following region: MAHAFPQDELNPIHCRGRGPDRGDPSNLSNINDVLGNYSLTLVDALDTLAI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa
Gene Name:	ER degradation enhancing alpha-mannosidase like protein 1
Database Link:	NP_055489 Entrez Gene 9695 Human Q92611
Background:	EDEM1 belongs toThe glycosyl hydrolase 47 family. It extracts misfolded glycoproteins, but not glycoproteins undergoing productive folding, fromThe calnexin cycle. It is directly involved in endoplasmic reticulum-associated degradation (ERAD) and targets misfolded glycoproteins for degradation in an N-glycan-dependent manner.
Synonyms:	EDEM



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Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Dog: 93%; Yeast: 82%

Protein Families: Transmembrane

Product images:



WB Suggested Anti-EDEM1 Antibody Titration:
0.2-1 ug/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