



Rabbit anti-Human EDEM3 polyclonal antibody (DPABH-11463)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Involved in endoplasmic reticulum-associated degradation (ERAD). Accelerates the glycoprotein ERAD by proteasomes. This process depends on mannose-trimming from the N-glycans. Seems to have alpha 1,2-mannosidase activity.
Immunogen	Synthetic peptide corresponding a region within C terminal amino acids 854-903 of Human EDEM3 protein according to Q9BZQ6
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µg
Buffer	Constituents: 2% Sucrose, 98% PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	EDEM3 ER degradation enhancer, mannosidase alpha-like 4 [Homo sapiens]
Official Symbol	EDEM3
Synonyms	EDEM3; ER degradation enhancer, mannosidase alpha-like 3; C1orf22; ER degradation-enhancing alpha-mannosidase-like protein 3; alpha-1,2-mannosidase EDEM3; ER degradation-enhancing alpha-mannosidase-like 3; ER degradation-enhancing -mannosidase-like protein 3;
Entrez Gene ID	80267
Protein Refseq	NP_079467.3
UniProt ID	A0A024R931
Pathway	Asparagine N-linked glycosylation; ER Quality Control Compartment (ERQC); N-glycan trimming in the ER and Calnexin/Calreticulin cycle; Protein processing in endoplasmic reticulum
Function	calcium ion binding; glycoprotein endo-alpha-1,2-mannosidase activity; mannosyl-oligosaccharide 1,2-alpha-mannosidase activity;