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Product datasheet for TA338664

MANEA 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-MANEA antibody: synthetic peptide directed towards the middle region of human MANEA. Synthetic peptide located within the following region: KVTFHIEPYSNRDDQNMYKNVKYIIDKYGNHPAFYRYKTKTGNALPMFYV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54 kDa
Gene Name:	mannosidase endo-alpha
Database Link:	NP_078917 Entrez Gene 79694 Human Q5SRI9

View online »

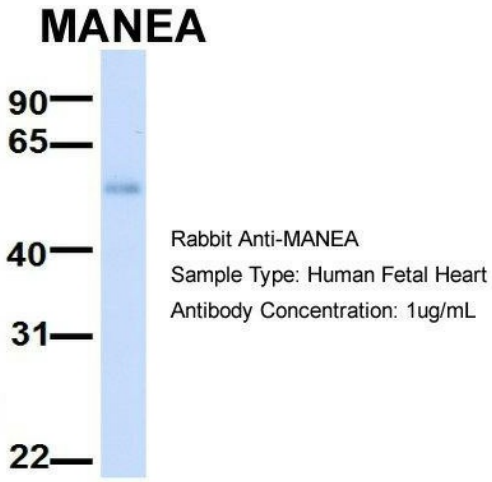
Background: N-glycosylation of proteins is initiated in the endoplasmic reticulum (ER) by the transfer of the preassembled oligosaccharide glucose-3-mannose-9-N-acetylglucosamine-2 from dolichyl pyrophosphate to acceptor sites on the target protein by an oligosaccharyltransferase complex. This core oligosaccharide is sequentially processed by several ER glycosidases and by an endomannosidase (E.C. 3.2.1.130), such as MANEA, in the Golgi. MANEA catalyzes the release of mono-, di-, and triglucosylmannose oligosaccharides by cleaving the alpha-1,2-mannosidic bond that links them to high-mannose glycans.

Synonyms: ENDO; hEndo

Note: Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 92%; Horse: 86%; Zebrafish: 77%

Protein Families: Transmembrane

Product images:



Host: Rabbit; Target Name: MANEA; Sample Tissue: Human Fetal Heart; Antibody Dilution: 1.0 ug/ml

WB Suggested Anti-MANEA Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: 293T cell lysate MANEA is supported by BioGPS gene expression data to be expressed in HEK293T