

Rabbit MANEA Polyclonal Antibody | anti-MANEA antibody

MANEA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200046	Rabbit	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

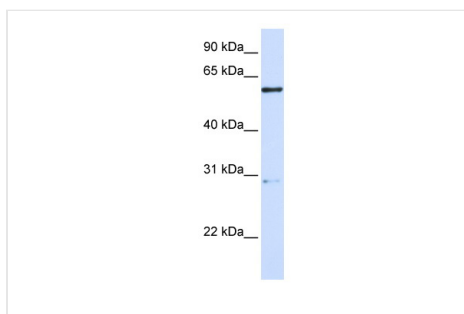
PRODUCT SYNONYMS

MANEA; Polyclonal Antibody; MANEA antibody - middle region; anti-MANEA antibody

PRODUCT SPECIFICATIONS

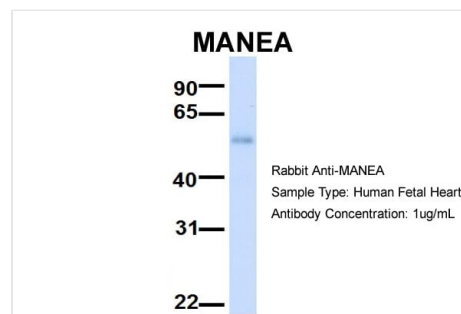
Host	Rabbit
Reactivity	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KV TFHIEPYSNR DDQNMVKNVK YIIDKYGNHP AFYRYKTKTG NALPMFYV
Sequence Length	462
Applicable Applications for anti-MANEA antibody	WB (Western Blot)
Homology	Dog: 100%; Horse: 86%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 92%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MANEA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-MANEA antibody	This is a rabbit polyclonal antibody against MANEA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-MANEA antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	41393556
NCBI GeneID	79694
NCBI Accession #	NP_078917
NCBI GenBank Nucleotide #	NM_024641
UniProt Accession #	Q5SRI9
Molecular Weight	54kDa
NCBI Official Full Name	glycoprotein endo-alpha-1,2-mannosidase
NCBI Official Synonym Full Names	mannosidase endo-alpha
NCBI Official Symbol	MANEA
NCBI Official Synonym Symbols	ENDO; hEndo
NCBI Protein Information	glycoprotein endo-alpha-1,2-mannosidase
UniProt Protein Name	Glycoprotein endo-alpha-1,2-mannosidase
UniProt Gene Name	MANEA
UniProt Synonym Gene Names	Endo-alpha mannosidase; Endomannosidase; hEndo

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.