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# anti-MANEA antibody (Middle Region)

2 Images



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Overview	
Quantity:	100 μL
Target:	MANEA
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Zebrafish (Danio rerio), Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MANEA antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MANEA	
Sequence:	KVTFHIEPYS NRDDQNMYKN VKYIIDKYGN HPAFYRYKTK TGNALPMFYV	
Predicted Reactivity:	Dog: 100%, Horse: 86%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 92%, Rat: 100%, Zebrafish: 77%	
Characteristics:	This is a rabbit polyclonal antibody against MANEA. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	

## Target Details

Target: MANEA

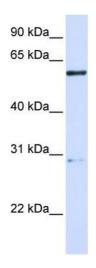
## Target Details

Alternative Name:	MANEA (MANEA Products)
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.
	Alias Symbols: DKFZp686D20120, FLJ12838, hEndo, ENDO
	Protein Interaction Partner: UBC, DNM2, PRD, AMPH,
	Protein Size: 462
Molecular Weight:	54 kDa
Gene ID:	79694
NCBI Accession:	NM_024641, NP_078917
UniProt:	Q5SRI9
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 462 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

#### Handling

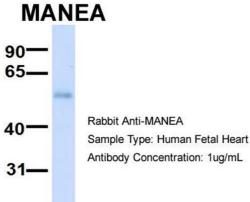
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

**Image 1.** 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



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#### **Western Blotting**

Image 2. Host: Rabbit Target Name: MANEA Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml