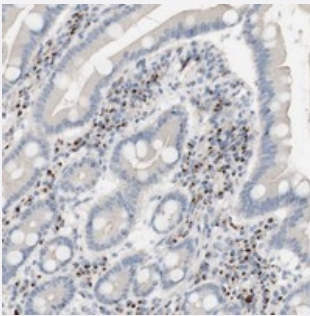


MANEA polyclonal antibody

Catalog # PAB20530 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human duodenum with MANEA polyclonal antibody (Cat # PAB20530) shows distinct cytoplasmic positivity in a sub-set of inflammatory cells at 1:10-1:20 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MANEA.
Immunogen	Recombinant protein corresponding to amino acids of human MANEA.
Sequence	GVLALSWYPPDVNDENGEPTDNLVPTILDKAHKYNLKVTFHIEPYSNRDDQNMYKNVKYIIDKYGN HPAFYRYKTKGNALPMFYVYDSYTKPEKWANLLTSGSRSIRNSPYDGLFALLVEEKHKYDILQS GFDGIYT
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:10-1:20) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — MANEA

Entrez GeneID[79694](#)**Protein Accession#**[Q5SR19](#)**Gene Name**

MANEA

Gene Alias

DKFZp686D20120, ENDO, FLJ12838, hEndo

Gene Description

mannosidase, endo-alpha

Gene Ontology[Hyperlink](#)**Gene Summary**

N-glycosylation of proteins is initiated in the endoplasmic reticulum (ER) by the transfer of the pre assembled 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 triglycosylmannose oligosaccharides by cleaving the alpha-1,2-mannosidic bond that links them to high-mannose glycans (Hamilton et al., 2005 [PubMed 15677381]).[supplied by OMIM]

Other Designations

OTTHUMP00000017907|alpha 1,2-endomannosidase|mandaselin

Disease

- [Cocaine-Related Disorders](#)
- [Opioid-Related Disorders](#)
- [Substance-Related Disorders](#)

- [Tobacco Use Disorder](#)