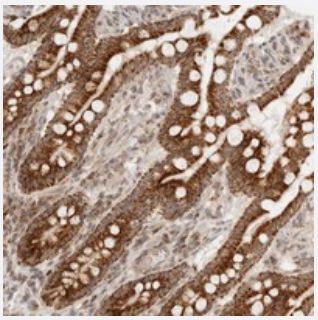
MRPL55 polyclonal antibody

Catalog # PAB22040 Size 100 uL

Applications



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

Immunohistochemical staining of human small intestine with MRPL55 polyclonal antibody (Cat # PAB22040) shows strong granular cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MRPL55.
Immunogen	Recombinant protein corresponding to amino acids of human MRPL55.
Sequence	PVLLVKQDGSTIHIRYREPRRMLAMPIDLDTLSPEERRARLRKREAQLQSRKEYEQELSDDLHVER YRQFWTRTKK
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 shoul d be handled by trained staff only.

Applications

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

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Gene Info — MRPL55

Entrez GeneID	128308
Protein Accession#	Q7Z7F7
Gene Name	MRPL55
Gene Alias	AAVG5835, DKFZp686D1387, L55nt, MGC61802, MRP-L55, PRO19675
Gene Description	mitochondrial ribosomal protein L55
Gene Ontology	Hyperlink
Gene Summary	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein s ynthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28 S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition co mpared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mam malian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among diff erent species, the proteins comprising the mitoribosome differ greatly in sequence, and sometim es in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. Multiple transcript variants encoding two different isoforms were i dentified through sequence analysis. [provided by RefSeq
Other Designations	39S ribosomal protein L55, mitochondrial|OTTHUMP00000036076|OTTHUMP00000036125|OT THUMP00000037488|OTTHUMP00000037490|OTTHUMP00000037491|OTTHUMP000000374 92|OTTHUMP00000037493|OTTHUMP00000037494|OTTHUMP00000037495|OTTHUMP0000 0037496|OTTHUMP00000037497|OTTHU