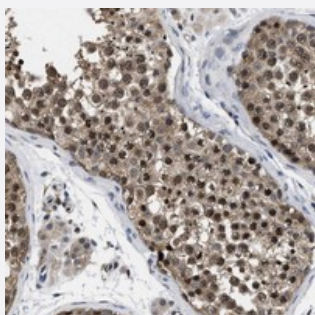


MCOLN2 polyclonal antibody

Catalog # PAB21061 Size 100 uL

Applications



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

Immunohistochemical staining of human testis with MCOLN2 polyclonal antibody (Cat # PAB21061) shows strong nuclear positivity in cells of ductus seminiferus.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MCOLN2.
Immunogen	Recombinant protein corresponding to amino acids of human MCOLN2.
Sequence	YHQLKDITLGLTGYGENEDNRIGLKVCKQHYKKGTMFPSNETLNIDNDVELDCVQLDLQDLSKKPP DWKNSSFFRLEFYR
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) 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 — MCOLN2

Entrez GeneID [255231](#)

Protein Accession# [Q8IZK6](#)

Gene Name MCOLN2

Gene Alias FLJ36691, TRP-ML2, TRPML2

Gene Description mucolipin 2

Omim ID [607399](#)

Gene Ontology [Hyperlink](#)

Gene Summary Mucolipins constitute a family of cation channel proteins with homology to the transient receptor potential superfamily. In mammals, the mucolipin family includes 3 members, MCOLN1 (MIM 605248), MCOLN2, and MCOLN3 (MIM 607400), that exhibit a common 6-membrane-spanning topology. Homologs of mammalian mucolipins exist in Drosophila and C. elegans. Mutations in the human MCOLN1 gene cause mucolipodosis IV (MIM 262650) (Karacsonyi et al., 2007 [PubMed 17662026]).[supplied by OMIM]

Other Designations -

Disease

- [Tobacco Use Disorder](#)