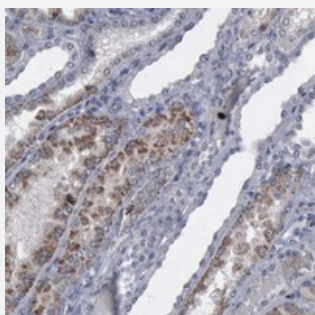


# MYO18B polyclonal antibody

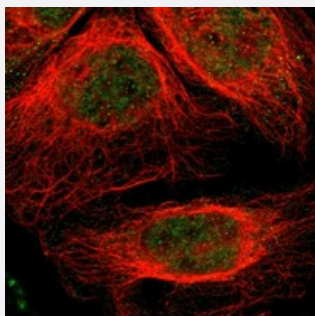
Catalog # PAB20025      Size 100 uL

## Applications



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

Immunohistochemical staining of human kidney with MYO18B polyclonal antibody (Cat # PAB20025) shows moderate cytoplasmic positivity in renal tubules.



### Immunofluorescence

Immunofluorescent staining of human cell line A-431 with MYO18B polyclonal antibody (Cat # PAB20025) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli, cytoplasm.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MYO18B.
Immunogen	Recombinant protein corresponding to amino acids of human MYO18B.
Sequence	GSDPFSWKLP SLDYERKTKVDFDDFLPAIRKPQTPTSLAGSAKGGQDGSQRSSIH FETEEANRS FLSGIKTLKKSPEPKEDPAHLSDSSSSSGSIVSFKSADSIKSRPGIPRLAGDGGERTSPERREPGT GRKDDDDVASIMKKY
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) 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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- Immunofluorescence

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## Gene Info — MYO18B

Entrez GeneID	<a href="#">84700</a>
Protein Accession#	<a href="#">Q8IUG5</a>
Gene Name	MYO18B
Gene Alias	DKFZp434C2422, DKFZp779C1668, FLJ41942
Gene Description	myosin XVIIIIB
Omim ID	<a href="#">607295</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene may regulate muscle-specific genes when in the nucleus and may influence intracellular trafficking when in the cytoplasm. The encoded protein functions as a homodimer and may interact with F actin. Mutations in this gene are associated with lung cancer. [provided by RefSeq]

## Other Designations

OTTHUMP00000028584|myosin 18B

## Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)