

TRPML3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human Mucolipin 3
Form	Liquid
Concentration	0.1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2644301

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	0.25-2 µg/mL	-
Immunofluorescence (IF)	0.25-2 µg/mL	-
Immunohistochemistry (IHC)	1:500-1:1000	-

Product Specific Information

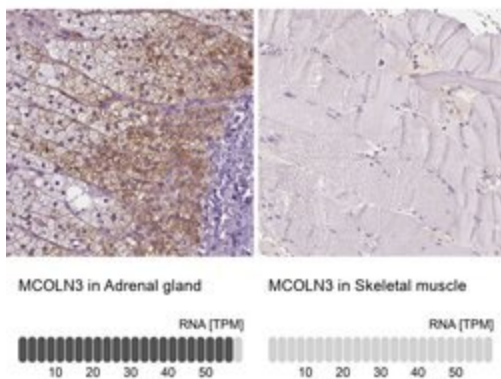
Immunogen sequence: YENKGTKQSA MAICQHFYKR GNIYPGNDTF DIDPEIETEC FFVEPDEPFH IGTPAENKLN LTLDFHRLLT VELQFKLKAI NLQTVRHQEL PDCYDFTLT

Highest antigen sequence identity to the following orthologs: Mouse - 89%, Rat - 87%.

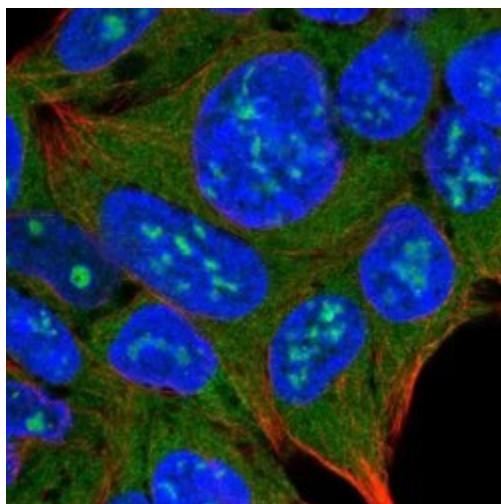
Advanced Verification Data

TRPML3 Antibody (PA5-53725)

Relative expression in different tissues in IHC: Detection of differential expression levels of TRPML3 demonstrates antibody specificity. Immunohistochemical analysis of TRPML3 using anti-TRPML3 Polyclonal Antibody (Product # PA5-53725), shows significant staining of TRPML3 in human adrenal gland and shows minimal or weak staining in human skeletal muscle tissues. The relative expression levels of TRPML3 within each tissue is shown using RNA-Seq. Relative expression validation info.



Product Images For TRPML3 Polyclonal Antibody

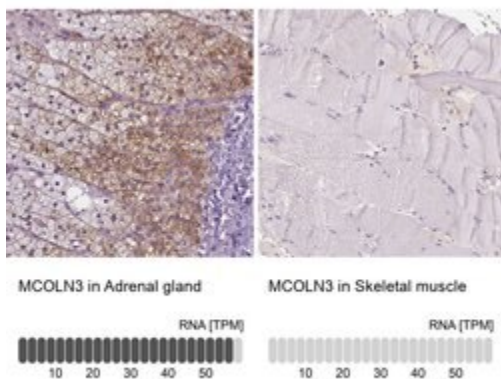


TRPML3 Antibody (PA5-53725) in IF

Immunofluorescent staining of Mucolipin 3 in human cell line HEK 293 shows positivity in nucleoli and cytoplasm. Samples were probed using a Mucolipin 3 Polyclonal Antibody (Product # PA5-53725).

TRPML3 Antibody (PA5-53725) in IHC

Immunohistochemical staining of TRPML3 in human adrenal gland and skeletal muscle tissues using TRPML3 Polyclonal Antibody (Product # PA5-53725). Corresponding MCOLN3 RNA-seq data are presented for the same tissues.



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