

MFSD1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57298**Specification**

MFSD1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O9H3U5
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51209

MFSD1 Polyclonal Antibody - Additional Information**Gene ID** 64747**Other Names**

Major facilitator superfamily domain-containing protein 1, Smooth muscle cell-associated protein 4, SMAP-4, MFSD1, SMAP4

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MFSD1 Polyclonal Antibody - Protein Information**Name** MFSD1 ([HGNC:25874](#))**Function**

Lysosomal dipeptide uniporter that selectively exports lysine, arginine or histidine-containing dipeptides with a net positive charge from the lysosome lumen into the cytosol (PubMed:[38507452](http://www.uniprot.org/citations/38507452)). Could play a role in a specific type of protein O-glycosylation indirectly regulating macrophages migration and tissue invasion (PubMed:[30910009](http://www.uniprot.org/citations/30910009)). Also essential for liver homeostasis (By similarity).

Cellular Location

Lysosome membrane; Multi-pass membrane protein. Note=Also detected in Golgi when

overexpressed.

MFSD1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MFSD1 Polyclonal Antibody - Images