

MFSD1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57298

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9H3U5
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51209

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=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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). Could play a role in a specific type of protein O-glycosylation indirectly regulating macrophages migration and tissue invasion (PubMed: 30910009). Also essential for liver homeostasis (By similarity).
Cellular Location	Lysosome membrane; Multi-pass membrane protein. Note=Also detected in Golgi when overexpressed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.