

MFSD1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS14001**Specification**

MFSD1 Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	O9H3U5
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

MFSD1 Antibody (Internal) - Additional Information**Gene ID** 64747**Other Names**

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

Target/Specificity

Human MFSD1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

MFSD1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

MFSD1 Antibody (Internal) - 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

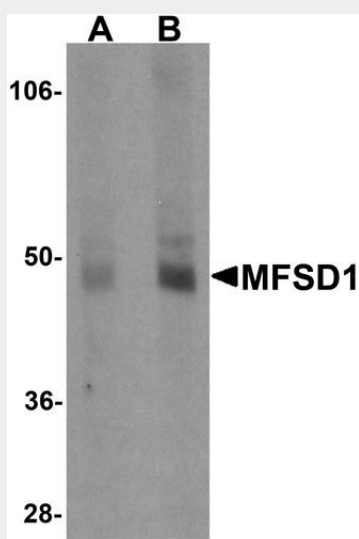
Lysosome membrane; Multi-pass membrane protein. Note=Also detected in Golgi when overexpressed.

MFSD1 Antibody (Internal) - Protocols

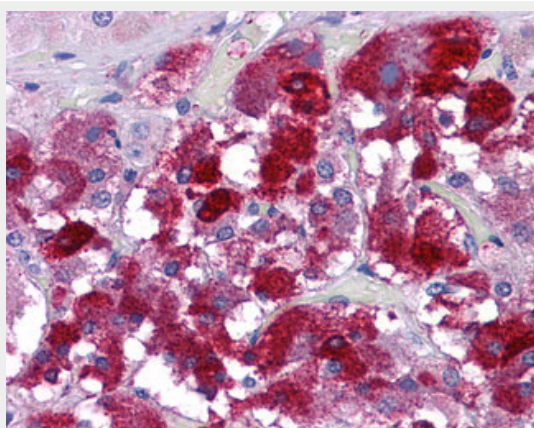
Provided below are standard protocols that you may find useful for product applications.

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

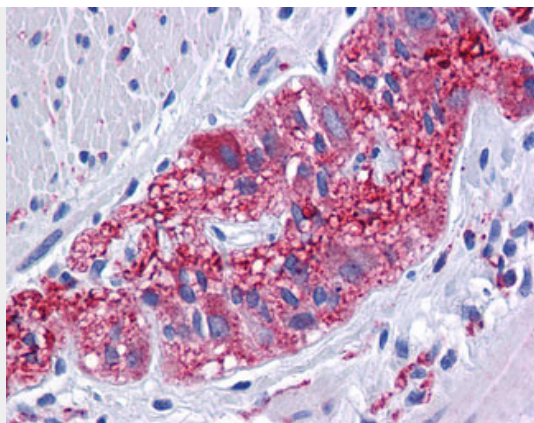
MFSD1 Antibody (Internal) - Images



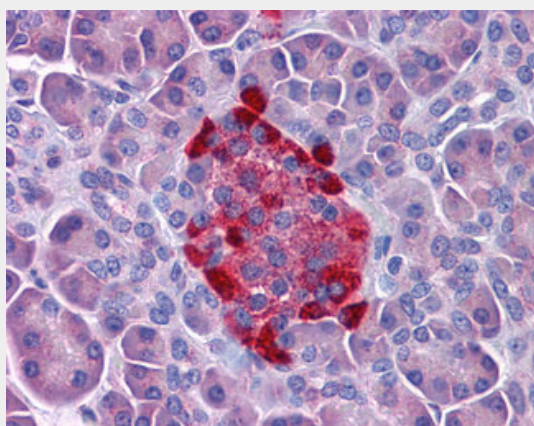
Western blot analysis of MFSD1 in human lung tissue lysate with MFSD1 antibody at (A) 1 and (B)...



Anti-MFSD1 antibody IHC of human adrenal.



Anti-MFSD1 antibody IHC of human colon, myenteric plexus.



Anti-MFSD1 antibody IHC of human pancreas.

MFSD1 Antibody (Internal) - References

Nishimoto S.,et al.Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
Mao Y.,et al.Submitted (NOV-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).