

## Product datasheet for **TA320004**

### MFSD1 Rabbit Polyclonal Antibody

#### Product data:

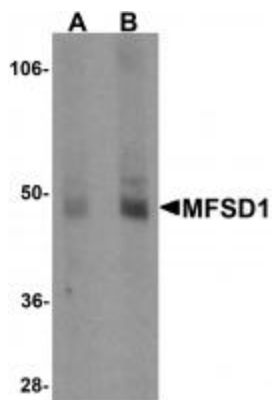
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 10 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	MFSD1 antibody was raised against an 18 amino acid synthetic peptide near the center of human MFSD1.
Formulation:	MFSD1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	MFSD1 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	major facilitator superfamily domain containing 1
Database Link:	<a href="#">NP_073573</a> <a href="#">Entrez Gene 64747 Human</a> <a href="#">Q9H3U5</a>
Background:	MFSD1 Antibody: Multidrug transporters, such as MFSD1, are membrane proteins that expel a wide spectrum of cytotoxic compounds from the cell and render cells resistant to multiple drugs. The Major Facilitator Superfamily (MFS) is a large and diverse group of secondary transporters that include uniporters, symporters, and antiporters. Members of this family are found in all living organisms and are highly represented in bacteria. MFS members are capable of transporting various substrates such as sugars, polyols, drugs, neurotransmitters, amino acids, peptides, and inorganic anions, although most members are substrate-specific. MFS have provided important insight into the mechanism underlying multidrug transport. MFSD1 is still poorly understood.



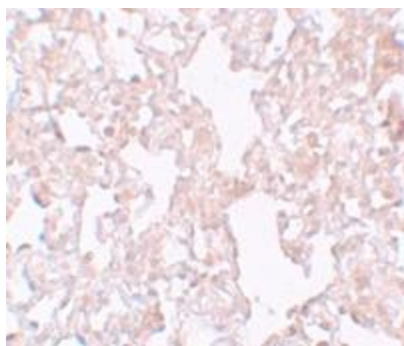
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Synonyms: SMAP4

### Product images:



Western blot analysis of MFSD1 in human lung tissue lysate with MFSD1 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of MFSD1 in rat lung tissue with MFSD1 antibody at 10 ug/mL.