

For Research Use Only

MS4A7 Polyclonal antibody

Catalog Number: 11864-1-AP



Basic Information

Catalog Number: 11864-1-AP	GenBank Accession Number: BC020673	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 58475	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9GZW8	
Isotype: IgG	Full Name: membrane-spanning 4-domains, subfamily A, member 7	
Immunogen Catalog Number: AG2442	Calculated MW: 240 aa, 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : BV-2 cells, K-562 cells
Species Specificity: human, mouse	

Background Information

The human MS4A family currently includes 18 members, and these proteins have four putative transmembrane domains (tetraspan) and several protein kinase C (PKC) phosphorylation sites. Membrane-spanning 4-domains a7 (MS4A7) is a member of the MS4A family. It is expressed by myeloid cells. MS4A7 can act as a NAM-specific pathogenic factor that exacerbates metabolic dysfunction-associated steatohepatitis (MASH) progression in mice (PMID: 38478630). There are two isoforms of MS4A7 protein, with molecular weights of 26.14 kDa and 21.41 kDa respectively.

Storage

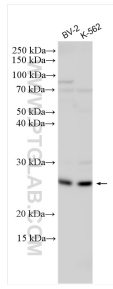
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11864-1-AP (MS4A7 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.