

For Research Use Only

MS4A2 Polyclonal antibody

Catalog Number: 26808-1-AP



Basic Information

Catalog Number: 26808-1-AP	GenBank Accession Number: BC074843	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 2206	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: membrane-spanning 4-domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, receptor for; beta polypeptide)	
Isotype: IgG	Calculated MW: 244 aa, 27 kDa	
Immunogen Catalog Number: AG25196	Observed MW: 25-27 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse lung tissue,
Species Specificity: human, mouse	

Background Information

MS4A is a new gene family with four transmembrane-spanning domains and is crucial for cell differentiation, signaling, and cell cycle control. The membrane-spanning 4 domains, superfamily A, number 2 gene (MS4A2, also named as the beta-chain of the high affinity IgE receptor or FcεRIβ gene, FCER1B), as a member of the MS4A family, is a component of the high-affinity IgE receptor, with co-immunoprecipitation experiments demonstrating that it associates with FcεRIα and Fcγ2 to form a tetrameric receptor complex (αβγ2) that is expressed on mast cells and basophils at high density (PMID: 25835430). MS4A2 is strongly associated with the prognosis of lung adenocarcinoma and lung cancer brain metastases (PMID: 37533433).

Storage

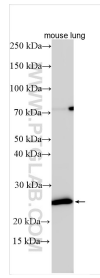
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

For technical support and original validation data for this product please contact:
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Selected Validation Data



mouse lung tissue lysates were subjected to SDS PAGE followed by western blot with 26808-1-AP (MS4A2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.