

TMEM184B Antibody

Catalog # ASC11103

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q9Y519
Other Accession	NP_036396 , 63259329
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	45562
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	TMEM184B antibody can be used for detection of TMEM184B by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunohistochemistry starting at 5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Additional Information

Gene ID	25829
Other Names	Transmembrane protein 184B, Putative MAPK-activating protein FM08, TMEM184B, C22orf5
Target/Specificity	TMEM184B;
Reconstitution & Storage	TMEM184B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	TMEM184B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TMEM184B
Synonyms	C22orf5
Function	May activate the MAP kinase signaling pathway.
Cellular Location	Membrane; Multi-pass membrane protein

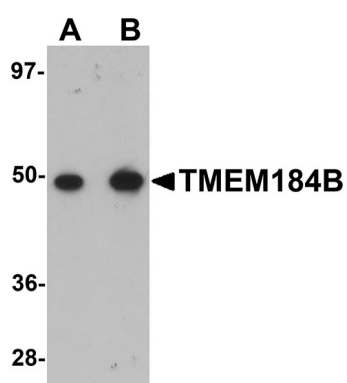
Background

TMEM184B Antibody: TMEM184B, also known as C22orf5, is a 407 amino acid multi-pass membrane protein and represents a novel gene in the activation of the MAPK signaling pathway. The gene encoding TMEM184B maps to human chromosome 22; mutations in several of the genes in chromosome 22 are involved in the development of autism, schizophrenia, Phelan-McDermid syndrome and Neurofibromatosis type 2, suggesting that TMEM184B may play a role in these syndromes.

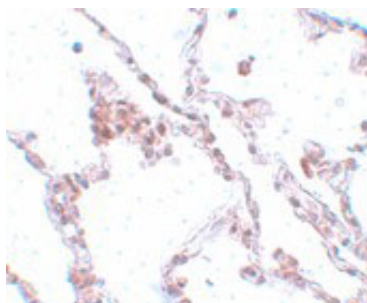
References

Matsuda A, Suzuki Y, Honda G, et al. Large-scale identification and characterization of human genes that activate NF-kappaB and MAPK signaling pathways. *Oncogene*2003; 22:3307-18.
Dunham I, Shimizu N, Roe BA, et al. The DNA sequence of human chromosome 2. *Nature*1999; 402:489-495.

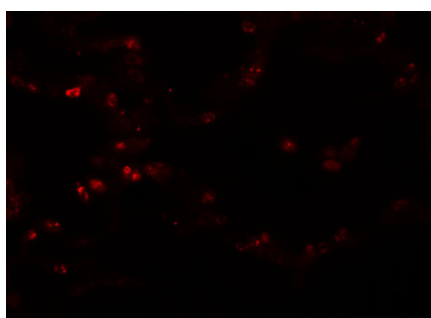
Images



Western blot analysis of TMEM184B in rat lung tissue lysate with TMEM184B antibody at (A) 1 and (B) 2 µg/mL.



Immunohistochemistry of TMEM184B in human lung tissue with TMEM184B antibody at 5 µg/mL.



Immunofluorescence of TMEM184B in human lung tissue with TMEM184B antibody at 20 µg/mL.

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