

For Research Use Only

TMEM74 Polyclonal antibody

Catalog Number: 25506-1-AP



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
25506-1-AP	BC030710	Antigen affinity purification
Concentration:	GeneID (NCBI):	Recommended Dilutions:
500 ug/ml	157753	IHC 1:50-1:500
Source:	UNIPROT ID:	
Rabbit	Q96NL1	
Isotype:	Full Name:	
IgG	transmembrane protein 74	
Immunogen Catalog Number:	Calculated MW:	
AG22288	305 aa, 33 kDa	

Applications

Tested Applications:	Positive Controls:
IHC, ELISA	IHC : mouse brain tissue,
Species Specificity:	
human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Transmembrane protein 74 (TMEM74), plays an essential role in autophagy during cell starvation and other stress conditions. TMEM74 is localized to the lysosome and autophagosome. It has been reported that TMEM74-induced autophagy may be associated with PI3K signal transduction. (PMID: 19029833, 18294959)

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

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

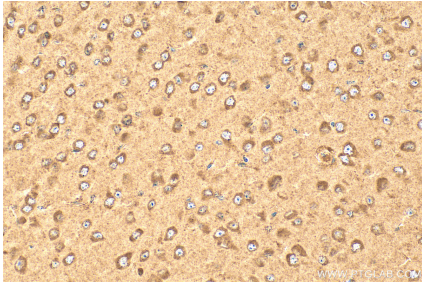
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25506-1-AP (TMEM74 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).