

For Research Use Only

TSPAN3 Polyclonal antibody

Catalog Number: 13036-1-AP



Basic Information

Catalog Number: 13036-1-AP	GenBank Accession Number: BC011206	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 10099	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: tetraspanin 3	
Isotype: IgG	Calculated MW: 253 aa, 28 kDa	
Immunogen Catalog Number: AG3689		

Applications

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

Tetraspanin-3 (TSPAN3, also known as TM4SF8) is a member of the tetraspanin (TM4SF) family. Tetraspanins, so named because they contain four transmembrane domains, are frequently expressed at the cell surface in association with each other and with other molecules, and they function to regulate cell adhesion, migration, proliferation, and differentiation. TSPAN3 regulates the proliferation and migration of oligodendrocytes, a process essential for normal myelination and repair. TSPAN3 is a glycosylated protein and it is differentially glycosylated in different tissues (PMID: 27818272).

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

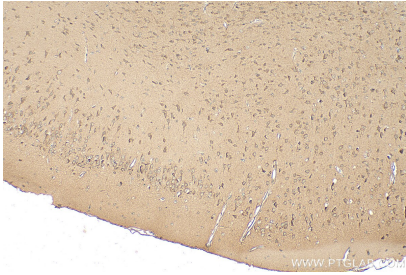
For technical support and original validation data for this product please contact:

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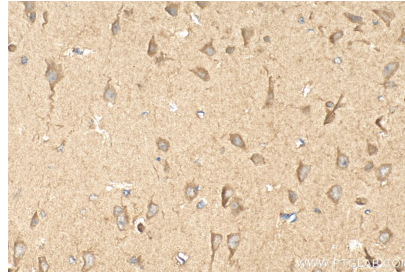
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13036-1-AP (TSPAN3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13036-1-AP (TSPAN3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).