

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:	600 ug/ml	GeneID (NCBI):	10099	Recommended Dilutions:	IHC 1:50-1:500
Source:	Rabbit	UNIPROT ID:	O60637		IF/ICC 1:50-1:500
Isotype:	IgG	Full Name:	tetraspanin 3		
Immunogen Catalog Number:	AG3689	Calculated MW:	253 aa, 28 kDa		

Applications

Tested Applications:	IHC, IF/ICC, ELISA	Positive Controls:	
Species Specificity:	human, mouse	IHC :	mouse brain tissue,
		IF/ICC :	HeLa cells,

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

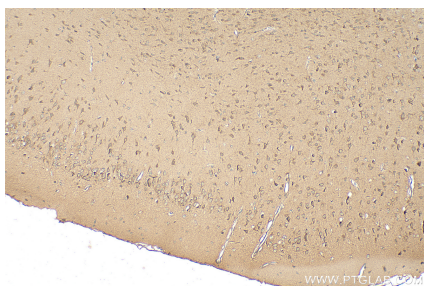
Background Information

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).

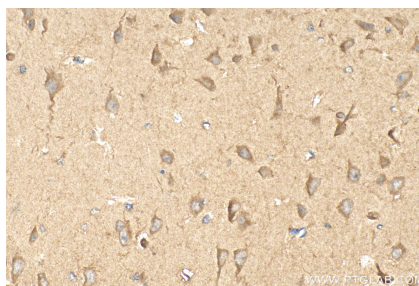
Storage

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

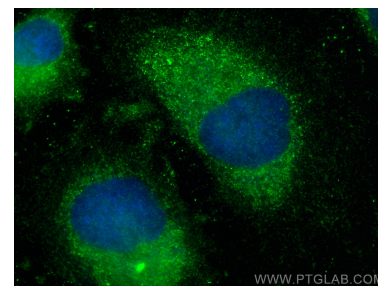
Selected Validation Data



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).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using TSPAN3 antibody (13036-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).