

For Research Use Only

TSPAN14 Polyclonal antibody

Catalog Number: 15314-1-AP



Basic Information

Catalog Number: 15314-1-AP	GenBank Accession Number: BC002920	Purification Method: Antigen affinity purification
Size: 250 µg/ml	GeneID (NCBI): 81619	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8NG11	
Isotype: IgG	Full Name: tetraspanin 14	
Immunogen Catalog Number: AG7551	Calculated MW: 31 kDa	
	Observed MW: 31 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, SH-SY5Y cells
Species Specificity: human	

Background Information

TSPAN14 is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Tetraspanins have been involved in diverse processes such as cell activation and proliferation, adhesion and motility, differentiation, and cancer. TSPAN14 belongs to the TSPANC8 subfamily, which also include TSPAN5, TSPAN10, TSPAN15, TSPAN17, and TSPAN33. It has been reported that TSPANC8 tetraspanins interact with ADAM10 and have a conserved function in the regulation of ADAM10 trafficking and activity, thereby positively regulating Notch receptor activation (PMID: 23091066; 23035126).

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:

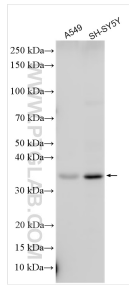
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Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 15314-1-AP (TSPAN14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.