

For Research Use Only

TSPAN10 Polyclonal antibody

Catalog Number: 14430-1-AP

Featured Product



Basic Information

Catalog Number: 14430-1-AP	GenBank Accession Number: BC032802	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 83882	Recommended Dilutions: WB 1:500-1:2400 IF 1:20-1:200
Source: Rabbit	Full Name: tetraspanin 10	
Isotype: IgG	Calculated MW: 36.5 kDa	
Immunogen Catalog Number: AG5807	Observed MW: 36-40 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : hTERT-RPE1 cells, IF : hTERT-RPE1 cells,
Species Specificity: human	

Background Information

TSPAN10 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. TSPAN10 belongs to the TSPANC8 subfamily, which also include TSPAN5, TSPAN14, 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

*** 20ul sizes contain 0.1% BSA

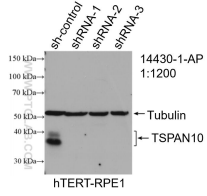
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

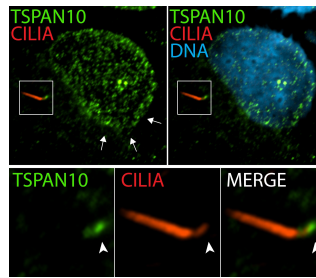
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



WB result of TSPAN10 antibody (14430-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-TSPAN10 transfected hTERT-RPE1 cells.



IF result (nuclear and the base of cilia stain) of anti-TSPAN10 (14430-1-AP, 1:50) with human hTERT-RPE1 (MeOH fixation) cells by Dr. Moshe Kim.