

For Research Use Only

TSPAN10 Polyclonal antibody

Catalog Number: 14430-1-AP

Featured Product



Basic Information

Catalog Number:

14430-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5807

GenBank Accession Number:

BC032802

GeneID (NCBI):

83882

UNIPROT ID:

Q9H1Z9

Full Name:

tetraspanin 10

Calculated MW:

36.5 kDa

Observed MW:

36-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : hTERT-RPE1 cells,

IF/ICC : hTERT-RPE1 cells,

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

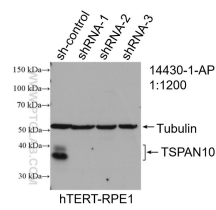
For technical support and original validation data for this product please contact:

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

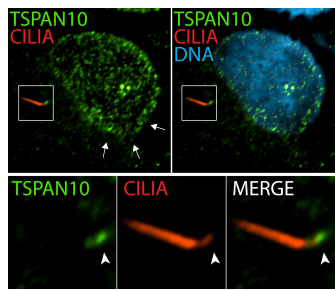
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.