

For Research Use Only

# TSPAN10 Polyclonal antibody

Catalog Number: 14430-1-AP

Featured Product



## Basic Information

**Catalog Number:**

14430-1-AP

**Size:**

600 µg/ml

**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

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

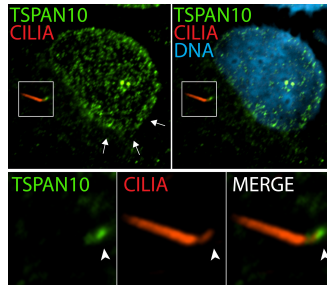
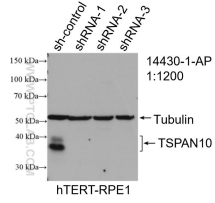
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## Selected Validation Data



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.