

TSPAN10 Polyclonal Antibody

Catalog number: 14430-1-AP

Size: 20 µg/150 µl

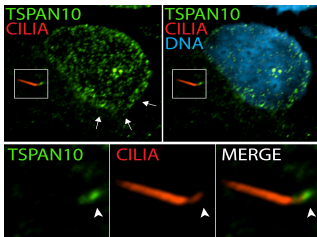
Source: Rabbit

Isotype: IgG

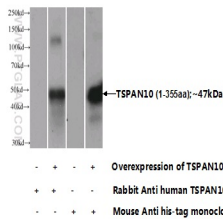
Synonyms:

TSPAN10; FLJ39607, OCSP,
Oculospanin, tetraspanin 10,

Tspan 10, TSPAN10



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.



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 14430-1-AP (TSPAN10 Antibody) at dilution of 1:1000

Background

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 TSPAN8 subfamily, which also include TSPAN5, TSPAN14, TSPAN15, TSPAN17, and TSPAN33. It has been reported that TSPAN8 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).

Applications

Tested applications:	ELISA, IF, WB
Species specificity:	Human; other species not tested.
Calculated TSPAN10 MW:	36.5 kDa
Observed TSPAN10 MW:	
Positive WB detected in	Transfected HEK-293 cells
Positive IF detected in	HTERT-RPE1 cells
Recommended dilution:	WB: 1:500-1:5000
	IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5807
GenBank accession number:	BC032802
Gene ID (NCBI):	83882
Full name:	Tetraspanin 10

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.