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TSPAN6 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9224b

Product Information

Application	WB, FC, E
Primary Accession	O43657
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23234
Calculated MW	27563
Antigen Region	176-205

Additional Information

Gene ID	7105
Other Names	Tetraspanin-6, Tspan-6, A15 homolog, Putative NF-kappa-B-activating protein 321, T245 protein, Tetraspanin TM4-D, Transmembrane 4 superfamily member 6, TSPAN6, TM4SF6
Target/Specificity	This TSPAN6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176~205 amino acids from the C-terminal region of human TSPAN6.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TSPAN6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TSPAN6
Synonyms	TM4SF6

Cellular Location Membrane; Multi-pass membrane protein.

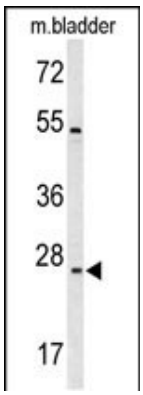
Background

The protein is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein and is highly similar in sequence to the transmembrane 4 superfamily member 2.

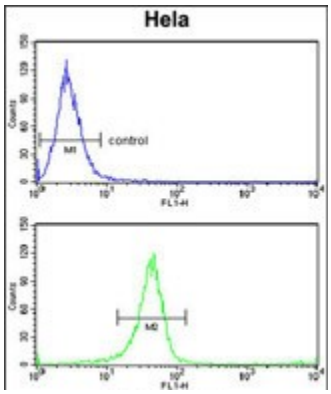
References

Ross,M.T., et.al., Nature 434 (7031), 325-337 (2005)
Clark,H.F., et.al., Genome Res. 13 (10), 2265-2270 (2003)

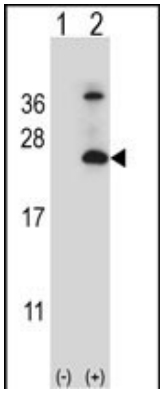
Images



Western blot analysis of TSPAN6 Antibody (C-term) (Cat. #AP9224b) in mouse bladder tissue lysates (35ug/lane). TSPAN6 (arrow) was detected using the purified Pab.



TSPAN6 Antibody (C-term) (Cat. #AP9224b) flow cytometry analysis of Hela cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western blot analysis of TSPAN6 (arrow) using rabbit polyclonal TSPAN6 Antibody (C-term) (Cat. #AP9224b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TSPAN6 gene.

Citations

- Click Chemistry-mediated Biotinylation Reveals a Function for the Protease BACE1 in Modulating the Neuronal Surface Glycoproteome.
- Tetraspanin 6: a pivotal protein of the multiple vesicular body determining exosome release and lysosomal degradation of amyloid precursor protein fragments.
- Tetraspanin 6: A novel regulator of hippocampal synaptic transmission and long term plasticity.
- Tspan6 stimulates the chemoattractive potential of breast cancer cells for B cells in an EV- and LXR-dependent manner

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.