

TSPAN18 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18147c**Specification**

TSPAN18 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O96SJ8
Other Accession	NP_570139.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27710
Antigen Region	93-120

TSPAN18 Antibody (Center) - Additional Information**Gene ID** 90139**Other Names**

Tetraspanin-18, Tspan-18, TSPAN18

Target/Specificity

This TSPAN18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 93-120 amino acids from the Central region of human TSPAN18.

Dilution

WB~~1:2000

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

TSPAN18 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TSPAN18 Antibody (Center) - Protein Information**Name** TSPAN18 ([HGNC:20660](#))**Function** Plays a role in the cell surface localization of ORAI1 and may participate in the

regulation of Ca(2+) signaling and the VWF release in response to inflammatory stimuli.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

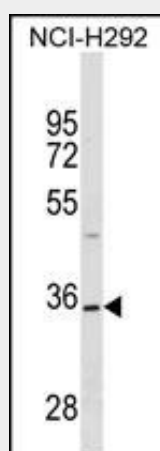
Highly expressed in primary endothelial cells (PubMed:30573509, PubMed:32694189). Expressed in the embryo heart (PubMed:32694189). Weakly expressed the embryo skeletal muscle (PubMed:32694189).

TSPAN18 Antibody (Center) - Protocols

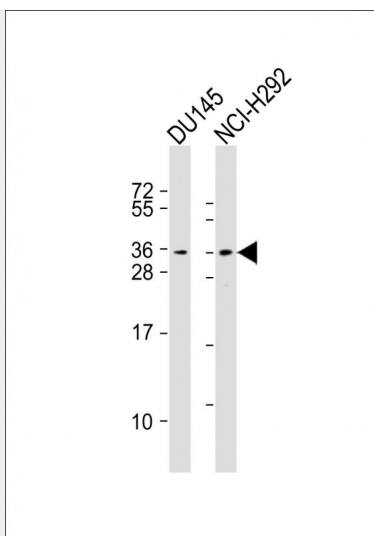
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TSPAN18 Antibody (Center) - Images



TSPAN18 Antibody (Center) (Cat. #AP18147c) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the TSPAN18 antibody detected the TSPAN18 protein (arrow).



All lanes : Anti-TSPAN18 Antibody (Center) at 1:2000 dilution Lane 1: DU145 whole cell lysates
Lane 2: NCI-H292 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

TSPAN18 Antibody (Center) - Background

The function of this protein remains unknown.

TSPAN18 Antibody (Center) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Hemler, M.E. J. Cell Biol. 155(7):1103-1107(2001)