

# TSPAN18 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP18147c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q96SJ8</a>
<b>Other Accession</b>	<a href="#">NP_570139.3</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB24300
<b>Calculated MW</b>	27710
<b>Antigen Region</b>	93-120

## Additional Information

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<b>Gene ID</b>	90139
<b>Other Names</b>	Tetraspanin-18, Tspan-18, TSPAN18
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	TSPAN18 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TSPAN18 ( <a href="#">HGNC:20660</a> )
<b>Function</b>	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).

## Background

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The function of this protein remains unknown.

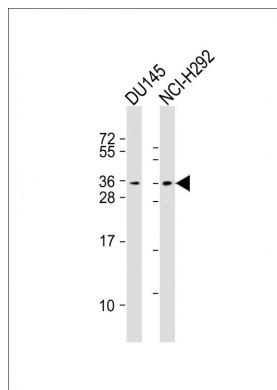
## References

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

## Images

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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  $\mu$ g 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.

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