

For Research Use Only

# TSPAN18 Polyclonal antibody, PBS Only

Catalog Number:15919-1-PBS



## Basic Information

<b>Catalog Number:</b> 15919-1-PBS	<b>GenBank Accession Number:</b> BC019342	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 90139	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q965J8	
<b>Isotype:</b> IgG	<b>Full Name:</b> tetraspanin 18	
<b>Immunogen Catalog Number:</b> AG8724	<b>Calculated MW:</b> 267 aa, 29 kDa	
	<b>Observed MW:</b> 28 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

TSPAN18 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. TSPAN18 gene mutation has been associated with Schizophrenia in Han Chinese (PMID: 22037552; 23505562).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

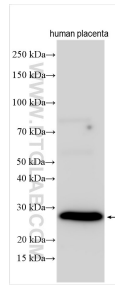
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## Selected Validation Data



Human placenta tissue was subjected to SDS PAGE, followed by western blot with 15919-1-AP (TSPAN18 antibody) at a dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15919-1-PBS in a different storage buffer formulation.