

For Research Use Only

# TSPAN14 Polyclonal antibody

Catalog Number: 15314-1-AP



## Basic Information

<b>Catalog Number:</b> 15314-1-AP	<b>GenBank Accession Number:</b> BC002920	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 250 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 81619	<b>Recommended Dilutions:</b> WB 1:200-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> tetraspanin 14	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 31 kDa	
<b>Immunogen Catalog Number:</b> AG7551	<b>Observed MW:</b> 31 kDa	

## Applications

<b>Tested Applications:</b> WB,ELISA	<b>Positive Controls:</b> WB : A549 cells, SH-SY5Y cells
<b>Species Specificity:</b> human	

## Background Information

TSPAN14 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. TSPAN14 belongs to the TSPANC8 subfamily, which also include TSPAN5, TSPAN10, TSPAN15, TSPAN17, and TSPAN33. It has been reported that TSPANC8 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).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

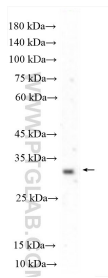
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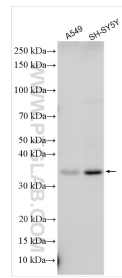
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## Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 15314-1-AP (TSPAN14 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



A549 cells were subjected to SDS PAGE followed by western blot with 15314-1-AP (TSPAN14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.