

For Research Use Only

# TSPAN13 Polyclonal antibody

Catalog Number:30072-1-AP



## Basic Information

<b>Catalog Number:</b> 30072-1-AP	<b>GenBank Accession Number:</b> BC033863	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 600 ug/ml	<b>GeneID (NCBI):</b> 27075	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95857	
<b>Isotype:</b> IgG	<b>Full Name:</b> tetraspanin 13	
<b>Immunogen Catalog Number:</b> AG32345	<b>Calculated MW:</b> 204 aa, 22 kDa	
	<b>Observed MW:</b> 28-35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : PC-3 cells,
<b>Species Specificity:</b> human	

## Background Information

TSPAN13 (also known as NET6 or TM4SF13) is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Many of these members have been implicated in signal transduction, cell-cell interactions, and cellular activation and development. Overexpression of TSPAN13 has been reported in prostate cancer, suggesting that TSPAN13 may have an important role in the progression of prostate cancer (PMID: 19148481). The experimentally determined molecular mass of 28-35 kDa is larger than the calcular molecular weight of 22 kDa, which could be a result of post-translational modifications (PMID: 23648579).

## 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

For technical support and original validation data for this product please contact:

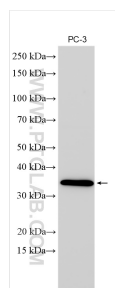
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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 30072-1-AP (TSPAN13 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.