

For Research Use Only

# PROM2 Polyclonal antibody

Catalog Number: 20727-1-AP



## Basic Information

<b>Catalog Number:</b> 20727-1-AP	<b>GenBank Accession Number:</b> NM_144707	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 150696	<b>Recommended Dilutions:</b> WB 1:200-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> prominin 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 92 kDa	
	<b>Observed MW:</b> 40 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HT-29 cells, MCF-7 cells
<b>Species Specificity:</b> human	

## Background Information

PROM2, also named as prominin 2, encodes a member of the prominin family of pentaspan membrane glycoproteins. The encoded protein localizes to basal epithelial cells and may be involved in the organization of plasma membrane microdomains. Alternative splicing results in multiple transcript variants. PROM2 has 2 isoforms with the MW of 86 kDa and 41 kDa.

## 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

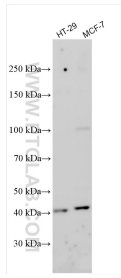
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20727-1-AP (PROM2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.