

For Research Use Only

# SAMD9 Polyclonal antibody

Catalog Number: 22786-1-AP

Featured Product



## Basic Information

<b>Catalog Number:</b> 22786-1-AP	<b>GenBank Accession Number:</b> BC132775	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 227 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 54809	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Source:</b> Rabbit	<b>Full Name:</b> sterile alpha motif domain containing 9	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1589 aa, 184 kDa	
<b>Immunogen Catalog Number:</b> AG18787	<b>Observed MW:</b> 148 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HeLa cells
<b>Species Specificity:</b> human	

## Background Information

Sterile alpha motif domain-containing protein 9 (SAMD9), also named as C7orf5, DRIF1, KIAA2004, OEF1, plays a role in growth factor signal transduction. SAMD9 is a ubiquitously expressed cytoplasmic protein encoded by two juxtaposed single-exon genes on chromosome 7q21 (PMID: 34675305). Overexpression of SAMD9 protein in tissue culture results in reduction of cell proliferation rate and invasion index, and increasing activity of caspase 3 (PMID: 25450373). An important paralog of this gene is SAMD9L. Observed MW of SAMD9 is from 148 kDa (PMID: 21248034).

## Storage

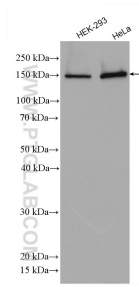
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

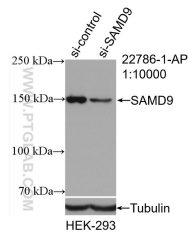
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22786-1-AP (SAMD9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of SAMD9 antibody (22786-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SAMD9 transfected HEK-293 cells.