

For Research Use Only

# INSM2 Polyclonal antibody, PBS Only

Catalog Number: 33151-1-PBS



## Basic Information

<b>Catalog Number:</b> 33151-1-PBS	<b>GenBank Accession Number:</b> NM_032594.3	<b>Purification Method:</b> Antigen affinity Purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 84684	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96T92	
<b>Isotype:</b> IgG	<b>Full Name:</b> insulinoma-associated 2	
<b>Immunogen Catalog Number:</b> AG38945	<b>Calculated MW:</b> 59kDa, 566aa	
	<b>Observed MW:</b> 68 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

INSM2 (Insulinoma-associated protein 2) is a zinc-finger protein belonging to the transcription factor family and has transcriptional repressive functions. It may exert growth-inhibitory or tumor-suppressive effects in hepatocytes and certain neurons. The primary function of INSM2 involves the regulation of gene expression, particularly the repression of insulin gene expression in non-pancreatic cells. Additionally, INSM2 is upregulated in neuroblastoma and is associated with poor prognosis. It promotes tumor development by affecting lipid metabolism through the regulation of the mTOR signaling pathway.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

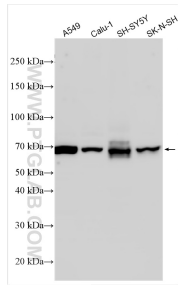
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 33151-1-AP (INSM2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33151-1-PBS in a different storage buffer formulation.