

For Research Use Only

INSM2 Polyclonal antibody, PBS Only

Catalog Number: 33151-1-PBS



Basic Information

Catalog Number: 33151-1-PBS	GenBank Accession Number: NM_032594.3	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 84684	
Source: Rabbit	UNIPROT ID: Q96T92	
Isotype: IgG	Full Name: insulinoma-associated 2	
Immunogen Catalog Number: AG38945	Calculated MW: 59kDa 566aa	
	Observed MW: 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.

Storage Buffer:
PBS only, pH7.3

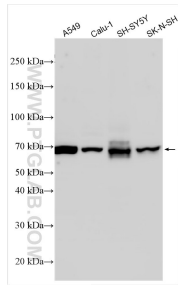
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.