

For Research Use Only

# SLTM Polyclonal antibody

Catalog Number: 17889-1-AP



## Basic Information

<b>Catalog Number:</b> 17889-1-AP	<b>GenBank Accession Number:</b> BC046119	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 79811	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NWH9	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> SAFB-like, transcription modulator	<b>IF/ICC 1:50-1:500</b>
<b>Immunogen Catalog Number:</b> AG12060	<b>Calculated MW:</b> 478aa,57 kDa; 1034aa,117 kDa	
	<b>Observed MW:</b> 135-140 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse brain tissue, HeLa cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human skin cancer tissue,
	<b>IF/ICC :</b> HepG2 cells,

## Background Information

SLTM, also named as Modulator of estrogen-induced transcription, is a 1034 amino acid protein, which localizes in the nucleus. When it is overexpressed, SLTM acts as a general inhibitor of transcription that eventually leads to apoptosis. The calculated molecular weight of SLTM is 117 kDa, but modified SLTM is about 135-140 kDa.

## Storage

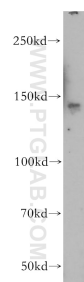
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

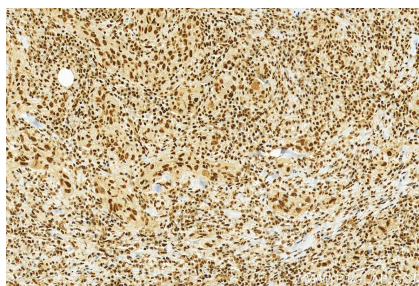
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

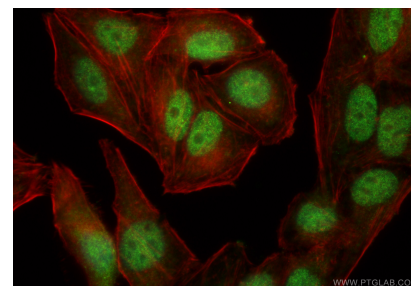
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17889-1-AP (SLTM antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 17889-1-AP (SLTM antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SLTM antibody (17889-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).