

For Research Use Only

# S100A5 Polyclonal antibody

Catalog Number: 17924-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 17924-1-AP	<b>GenBank Accession Number:</b> BC093955	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 450 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6276	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> S100 calcium binding protein A5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 110 aa, 13 kDa	
<b>Immunogen Catalog Number:</b> AG12342	<b>Observed MW:</b> 11 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, IHC	<b>WB:</b> HepG2 cells, human kidney tissue, human liver tissue, SH-SY5Y cells
<b>Species Specificity:</b> human, mouse, rat	<b>IHC:</b> human meningioma tissue, human brain tissue
<b>Cited Species:</b> human, mouse	<b>IF:</b> HepG2 cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Katja Kuhlmann	24748648	Mol Cell Proteomics	IHC
Huihuang Li	37414584	Adv Sci (Weinh)	IHC, IF

## Storage

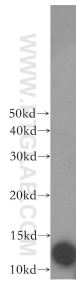
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

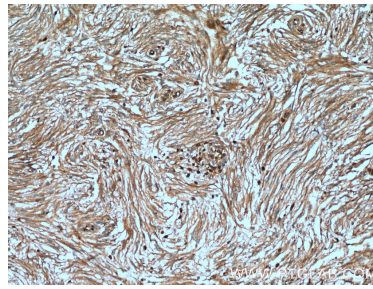
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

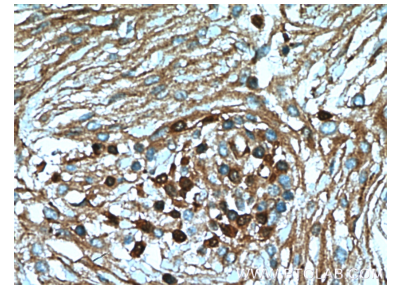
## Selected Validation Data



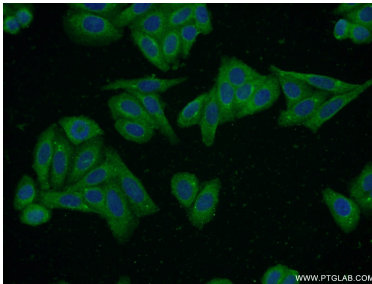
HepG2 cells were subjected to SDS PAGE followed by western blot with 17924-1-AP (S100A5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human meningioma tissue slide using 17924-1-AP (S100A5 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human meningioma tissue slide using 17924-1-AP (S100A5 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells using 17924-1-AP (S100A5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).