

For Research Use Only

# HSPB8 Polyclonal antibody

Catalog Number: 15287-1-AP **8 Publications**



## Basic Information

<b>Catalog Number:</b> 15287-1-AP	<b>GenBank Accession Number:</b> BC002673	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26353	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:20-1:200 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UJY1	
<b>Isotype:</b> IgG	<b>Full Name:</b> heat shock 22kDa protein 8	
<b>Immunogen Catalog Number:</b> AG7456	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 20-22 kDa	

## Applications

**Tested Applications:**  
IF, IHC, WB, ELISA

**Cited Applications:**  
WB,IHC,IF,CoIP

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, mouse

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

**Positive Controls:**

**WB :** Neuro-2a cells, SGC-7901 cells, mouse brain tissue, HEK-293 cells, mouse heart tissue, rat heart tissue

**IHC :** human heart tissue, human brain tissue, human kidney tissue, human lung tissue, human ovary tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue

**IF :** HEK-293 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Thomas G Martin	34487557	J Cell Biochem	WB
Thomas G Martin	34011988	Nat Commun	WB, IF
Ramírez-Rodríguez Gerardo G	23536091	J Neurosci	IHC

## 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**

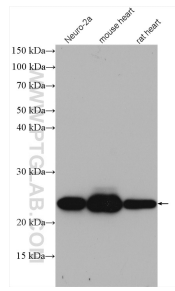
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

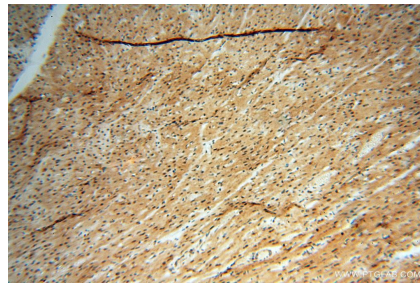
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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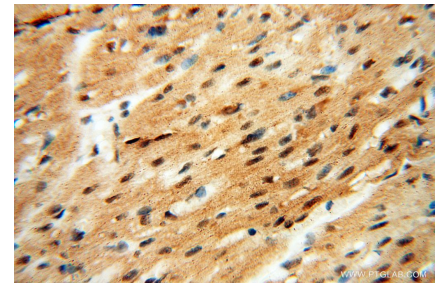
## Selected Validation Data



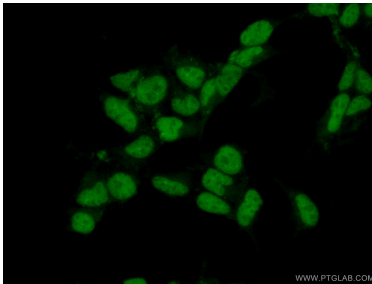
Various lysates were subjected to SDS PAGE followed by western blot with 15287-1-AP (HSPB8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 15287-1-AP (HSPB8 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 15287-1-AP (HSPB8 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 15287-1-AP (HSPB8 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).