

For Research Use Only

# HSPBAP1 Polyclonal antibody

Catalog Number: 27631-1-AP



## Basic Information

<b>Catalog Number:</b> 27631-1-AP	<b>GenBank Accession Number:</b> BC017763	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1100 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 79663	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> HSPB (heat shock 27kDa) associated protein 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 55 kDa	
<b>Immunogen Catalog Number:</b> AG26428	<b>Observed MW:</b> 55-60 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, PC-3 cells
<b>Species Specificity:</b> Human, Mouse	<b>IHC :</b> mouse kidney tissue, human prostate cancer tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

HSPBAP1, also named as Protein associated with small stress protein 1, is a widely expressed 488 amino acid protein. HSPBAP1 may play a role in regulating stress response in the living cell (PMID: 11978969). A chromosomal aberration involving HSPBAP1 has been found in a family with renal carcinoma (PMID:12939738). HSPBAP1 has multiple isoforms with MW 55, 50, 32 and 25 kDa.

## Storage

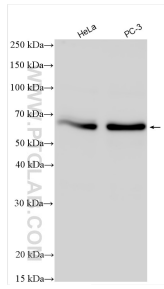
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

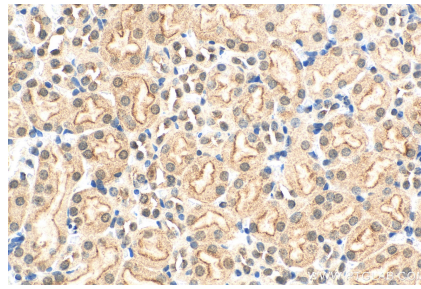
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27631-1-AP (HSPBAP1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27631-1-AP (HSPBAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).