

For Research Use Only

HSPBAP1 Polyclonal antibody

Catalog Number: 27771-1-AP



Basic Information

Catalog Number: 27771-1-AP	GenBank Accession Number: BC011897	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79663	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96EW2	
Isotype: IgG	Full Name: HSPB (heat shock 27kDa) associated protein 1	
Immunogen Catalog Number: AG26808	Observed MW: 55 kDa	

Applications

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

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

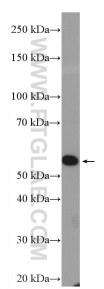
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

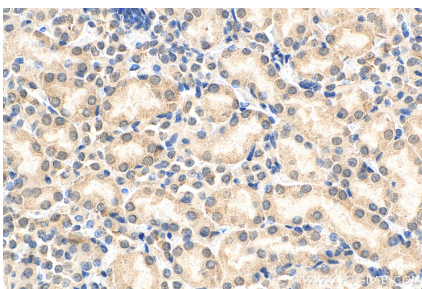
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 27771-1-AP (HSPBAP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 27771-1-AP (HSPBAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).