

For Research Use Only

HSPBAP1 Polyclonal antibody

Catalog Number: 27631-1-AP



Basic Information

Catalog Number:

27631-1-AP

Size:

150ul, Concentration: 1100 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26428

GenBank Accession Number:

BC017763

GeneID (NCBI):

79663

UNIPROT ID:

Q96EW2

Full Name:

HSPB (heat shock 27kDa) associated protein 1

Calculated MW:

55 kDa

Observed MW:

55-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

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 : HeLa cells, PC-3 cells

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

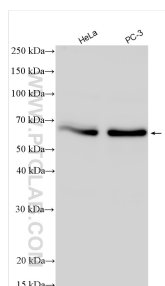
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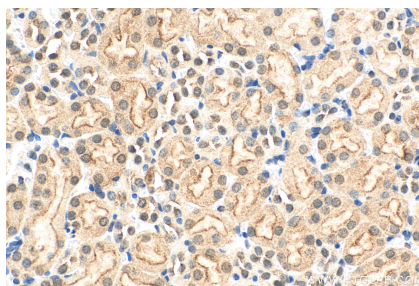
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Selected Validation Data



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).