

# HSPBAP1 Polyclonal antibody

Catalog Number: 27631-1-AP

## Basic Information

**Catalog Number:**

27631-1-AP

**Size:**

1100 µg/ml

**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:**

IHC, WB, 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:**

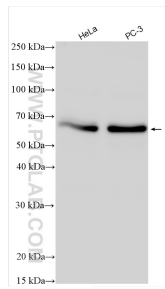
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

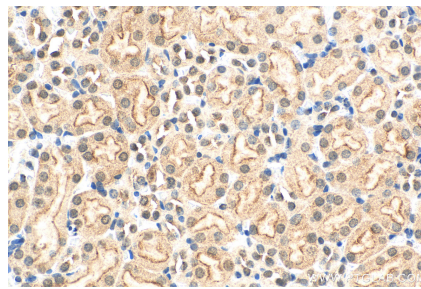
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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).