



Rabbit Anti-HSPBAP1 antibody

SL6986R

Product Name:	HSPBAP1
Chinese Name:	热休克蛋白27相关蛋白1抗体
Alias:	27 Kda heat shock protein-associated protein 1; HBAP1_HUMAN; hspbap; HSPB1-associated protein 1; HSPBAP1; PASS1; Protein associated with small stress protein 1; protein associating with small stress protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	54kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HSPBAP1:151-250/488
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Heat Shock Protein BAP1 (heat shock 27-kDa-associated protein 1, or HSPBAP1) inhibits the function of heat shock protein 27, which has a neuroprotective effect during experimentally induced epileptic neuropathology. The HSPBAP1 protein, also known as PASS1, contains a jmjC motif, suggesting it is a member of the jumonji family of transcription factors. There is evidence of domain swapping within the jumonji family

genes, and the HSPBAP1 gene has been shown to fuse with a novel gene called DIRC3 in hereditary renal cell cancer.

Function:

May play a role in cellular stress response.

Subunit:

Interacts with CRYAB and HSPB1.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Widely expressed.

DISEASE:

Note=A chromosomal aberration involving HSPBAP1 has been found in a family with renal carcinoma. Translocation t(2;3)(q35;q21) with the putative pseudogene DIRC3. Produces an hybrid mRNA encoding a truncated HSPBAP1 lacking the first 36 amino acids.

Similarity:

Contains 1 JmjC domain.

SWISS:

Q96EW2

Gene ID:

79663

Database links:

[Entrez Gene: 79663](#)Human

[Oimim: 608263](#)Human

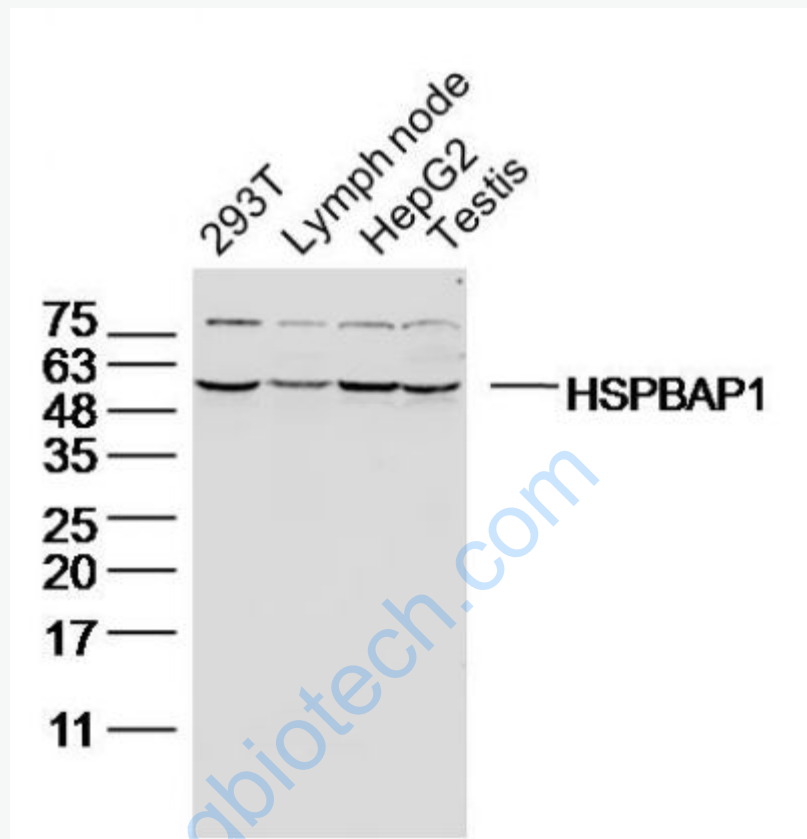
[SwissProt: Q96EW2](#)Human

[Unigene: 29169](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

293T Cell(human) Lysate at 40 ug

Lymph node (mouse) Lysate at 40 ug

HepG2 Cell(human) Lysate at 40 ug

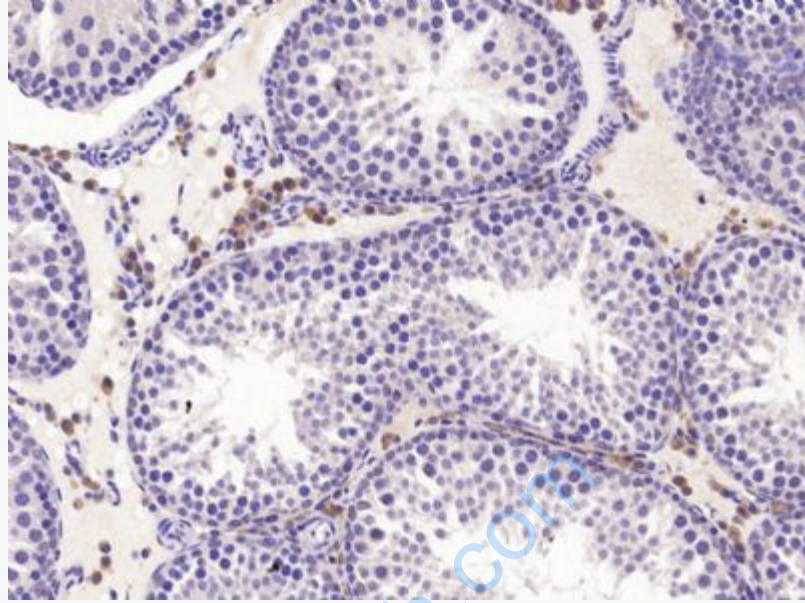
Testis (mouse) Lysate at 40 ug

Primary: Anti- HSPBAP1(SL6986R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 55kD

Observed band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (HSPBAP1) Polyclonal Antibody, Unconjugated (SL6986R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.