bs-6986R

[Primary Antibody]

HSPBAP1 Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 79663 SWISS: Q96EW2

Target: HSPBAP1

Immunogen: KLH conjugated synthetic peptide derived from human HSPBAP1:

151-250/488.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: 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.

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) **IF** (1:100-500)

Reactivity: Human, Mouse, Rat

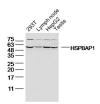
(predicted: Pig, Sheep, Cow, Dog, Horse)

Predicted 54 kDa

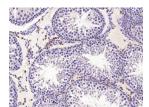
MW.:

Subcellular Cytoplasm Location:

VALIDATION IMAGES -



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(bs-6986R)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 (bs-6986R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.

— SELECTED CITATIONS —

• [IF=2.32] Xu, Shouyu, et al. "Transcriptional profiling of rat skeletal muscle hypertrophy under restriction of blood flow." Gene (2016). IHC; Rat. 27613141