

Mouse HSPBP1 Monoclonal Antibody | anti-HSPBP1 antibody

HSPBP1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106507	Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

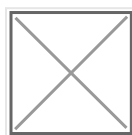
PRODUCT SYNONYMS

HSPBP1; Monoclonal Antibody; HSPBP1 antibody; Monoclonal HSPBP1; Anti-HSPBP1; HSPA binding protein cytoplasmic cochaperone 1; Heat shock 70kDa; FES1; HspBP1; Hsp70 binding protein 2; Hsp70 interacting protein 1; HSPBP 1; HSPBP-1; anti-HSPBP1 antibody

PRODUCT SPECIFICATIONS

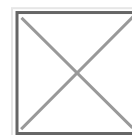
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1F3
Purity/Purification	HSPBP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-HSPBP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	HSPBP1 inhibits HSPA1A chaperone activity by changing the conformation of the ATP-binding domain of HSPA1A and interfering with ATP binding. HSPBP1 interferes with ubiquitin ation mediated by STUB1 and inhibits chaperone-assisted degradation of immature CFTR.
Cross-Reactivity	Human
Immunogen	HSPBP1 antibody was raised in mouse using a full length recombinant protein of human HSPBP1 (NP_036399) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant HSPBP1 protein using HSPBP1 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of HSPBP1 protein in paraffin embedded Adenocarcinoma of Human ovary tissue using HSPBP1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant HSPBP1 protein (Right) or empty vector (Left) detected with HSPBP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HSPBP1 antibody	Mouse monoclonal HSPBP1 antibody
Product Categories/Family for anti-HSPBP1 antibody	Protein Modification & Stress Response

NCBI AND UNIPROT INFORMATION

NCBI GI #	112363070
NCBI GeneID	23640
NCBI Accession #	NP_036399
NCBI GenBank Nucleotide #	NM_012267.4
UniProt Accession #	Q9NZL4 ; O95351 ; Q6ZNU5 ; B3KQP0 ; B4DG11
Molecular Weight	44,516 Da
NCBI Official Full Name	hsp70-binding protein 1 isoform 2
NCBI Official Synonym Full Names	HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1
NCBI Official Symbol	HSPBP1
NCBI Official Synonym Symbols	FES1
NCBI Protein Information	hsp70-binding protein 1
UniProt Protein Name	Hsp70-binding protein 1
UniProt Gene Name	HSPBP1
UniProt Synonym Gene Names	HSPBP; HspBP1; HspBP2
UniProt Entry Name	HPBP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hspbp1-antibody-clone-1f3-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106507>