

HSPBP1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14772A**Specification**

HSPBP1 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9NZL4
Other Accession	O6IMX7 , Q99P31 , Q4R588 , NP_036399.3 , NP_001123578.1
Reactivity	Human
Predicted	Monkey, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	39303
Antigen Region	69-97

HSPBP1 Antibody (N-term) - Additional Information**Gene ID** 23640**Other Names**

Hsp70-binding protein 1, HspBP1, Heat shock protein-binding protein 1, Hsp70-binding protein 2, HspBP2, Hsp70-interacting protein 1, Hsp70-interacting protein 2, HSPBP1, HSPBP

Target/Specificity

This HSPBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-97 amino acids from the N-terminal region of human HSPBP1.

DilutionWB~~1:1000
IHC-P~~1:10~50**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HSPBP1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HSPBP1 Antibody (N-term) - Protein Information

Name HSPBP1 ([HGNC:24989](#))

Synonyms HSPBP

Function Inhibits HSPA1A chaperone activity by changing the conformation of the ATP-binding domain of HSPA1A and interfering with ATP binding. Interferes with ubiquitination mediated by STUB1 and inhibits chaperone-assisted degradation of immature CFTR.

Tissue Location

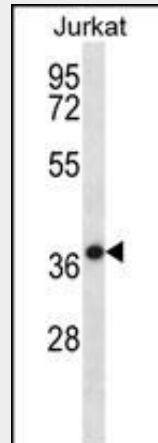
Ubiquitous..

HSPBP1 Antibody (N-term) - Protocols

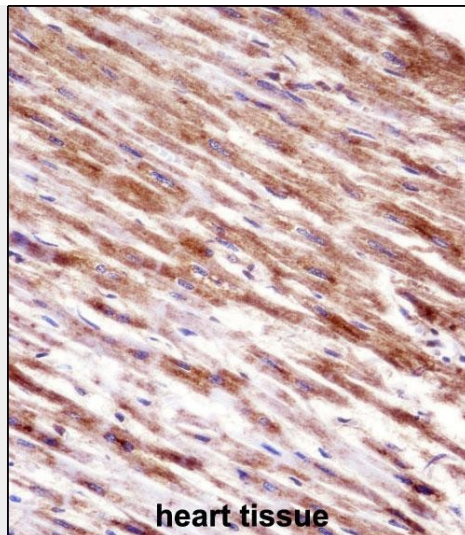
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HSPBP1 Antibody (N-term) - Images



HSPBP1 Antibody (N-term) (Cat. #AP14772a) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the HSPBP1 antibody detected the HSPBP1 protein (arrow).



HSPBP1 Antibody (N-term) (AP14772a) immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HSPBP1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

HSPBP1 Antibody (N-term) - Background

HSPBP1 inhibits HSPA1A chaperone activity by changing the conformation of the ATP-binding domain of HSPA1A and interfering with ATP binding. Interferes with ubiquitination mediated by STUB1 and inhibits chaperone-assisted degradation of immature CFTR.

HSPBP1 Antibody (N-term) - References

- Graner, M.W., et al. *Cancer Sci.* 100(10):1870-1879(2009)
- Evdonin, A., et al. *Biol. Cell* 101(6):351-360(2009)
- Souza, A.P., et al. *Cell Stress Chaperones* 14(3):301-310(2009)
- Howarth, J.L., et al. *J. Neurochem.* 108(4):945-951(2009)
- Snyers, L., et al. *Biochem. Biophys. Res. Commun.* 368(3):767-771(2008)