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Datasheet for ABIN952805 anti-HSPBP1 antibody (N-Term)

2 Images



Overview

Quantity:	0.4 mL
Target:	HSPBP1
Binding Specificity:	AA 68-97, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 68-97 amino acids from the N-terminal region of human HSPBP1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HSPBP1 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

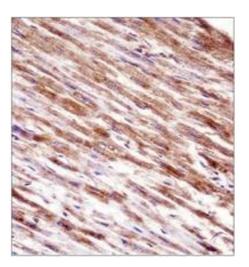
Target Details

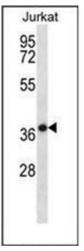
Target:	HSPBP1
Alternative Name:	HSPBP1 (HSPBP1 Products)

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Target Details	
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.Synonyms: HSPBP, Heat shock protein-binding protein 1, Hsp70-binding protein 1, Hsp70-binding protein 2, Hsp70- interacting protein 1, Hsp70-interacting protein 2, HspBP2
Molecular Weight:	39474 Da
Gene ID:	23640
NCBI Accession:	NP_001123578
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue reacted with HSPBP1 Antibody (N-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.

Western Blotting

Image 2. Western blot analysis of HSPBP1 Antibody (N-term) in Jurkat cell line lysates (35ug/lane). This demonstrates the HSPBP1 antibody detected the HSPBP1 protein (arrow).

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