

Rabbit HSCB Polyclonal Antibody | anti-HSCB antibody

HSCB Polyclonal Antibody

CATALOG # AAA281452	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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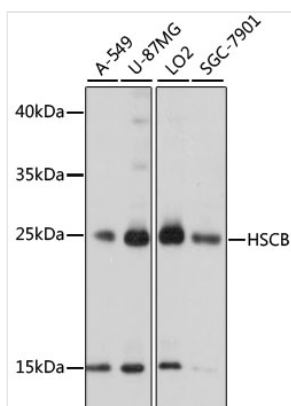
PRODUCT SYNONYMS

HSCB; Polyclonal Antibody; HSCB Polyclonal Antibody; DNAJC20; HSC20; JAC1; HscB mitochondrial iron-sulfur cluster cochaperone; anti-HSCB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.01% Thimersal, 50% glycerol, pH7.3.
Concentration	2.28 mg/ml (varies by lot)
Sequence Length	235
Applicable Applications for anti-HSCB antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-235 of human HSCB (NP_741999.3).
Species Reactivity / Cross Reactivity	Human
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using HSCB Rabbit pAb (AAA281452) at 1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-HSCB antibody	This gene encodes a DnaJ-type co-chaperone and member of the heat shock cognate B (HscB) family of proteins. The encoded protein plays a role in the synthesis of iron-sulfur clusters, protein cofactors that are involved in the redox reactions of mitochondrial electron transport and other processes. Cells in which this gene is knocked down exhibit reduced activity of iron-sulfur cluster-dependent enzymes including succinate dehydrogenase and aconitase. The encoded protein may stimulate the ATPase activity of the mitochondrial stress-70 protein. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50301234
NCBI GeneID	150274
NCBI Accession #	NP_741999.3
NCBI GenBank Nucleotide #	NP_741999.3
UniProt Accession #	Q8IWL3
Molecular Weight	Calculated: 27kDa Observed: 27kDa
NCBI Official Full Name	iron-sulfur cluster co-chaperone protein HscB isoform 1
NCBI Official Synonym Full Names	HscB mitochondrial iron-sulfur cluster cochaperone
NCBI Official Symbol	HSCB
NCBI Official Synonym Symbols	JAC1; HSC20; DNAJC20
NCBI Protein Information	iron-sulfur cluster co-chaperone protein HscB
UniProt Protein Name	Iron-sulfur cluster co-chaperone protein HscB, mitochondrial
UniProt Gene Name	HSCB
UniProt Synonym Gene Names	DNAJC20; HSC20
UniProt Entry Name	HSC20_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://www.aaabiotech.com/polyclonal/hscb-antibody-western-blot-elisa/281452>