

Rabbit anti-Human, mouse ISCA2 Polyclonal Antibody | anti-ISCA2 antibody

ISCA2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286911	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ISCA2; Polyclonal Antibody; ISCA2 Antibody (Center); Iron-sulfur cluster assembly 2 homolog; mitochondrial; HESB-like domain-containing protein 1; HBLD1; anti-ISCA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ISCA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-101 amino acids from the Central region of human ISCA2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	72-101
Sequence Length	60
Applicable Applications for anti-ISCA2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

ISCA2 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ISCA2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

ISCA2 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the ISCA2 antibody detected the ISCA2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ISCA2 antibody	ISCA2 is involved in the assembly of mitochondrial iron-sulfur proteins. Probably involved in the binding of an intermediate of Fe/S cluster assembly (By similarity).
Product Categories/Family for anti-ISCA2 antibody	Metabolism; Signal Transduction
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	432134254
NCBI GeneID	122961
NCBI Accession #	NP_001258936.1; NP_919255.2
NCBI GenBank Nucleotide #	NM_001272007.1
UniProt Accession #	Q86U28; Q8IYZ0; Q96BB2; A6NFF1; A8K3W3; G3V291
Molecular Weight	16476
NCBI Official Full Name	iron-sulfur cluster assembly 2 homolog, mitochondrial isoform 2
NCBI Official Synonym Full Names	iron-sulfur cluster assembly 2
NCBI Official Symbol	ISCA2
NCBI Official Synonym Symbols	ISA2; HBLD1; MMDS4; c14_5557
NCBI Protein Information	iron-sulfur cluster assembly 2 homolog, mitochondrial
UniProt Protein Name	Iron-sulfur cluster assembly 2 homolog, mitochondrial
UniProt Gene Name	ISCA2
UniProt Synonym Gene Names	HBLD1
UniProt Entry Name	ISCA2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/isca2-antibody-immunohistochemistry-western-blot-elisa/286911>