10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ISCA2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10491c

Specification

ISCA2 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q86U28
Other Accession	Q9DCB8, NP_919255.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**16476**
Antigen Region	**72-101**

ISCA2 Antibody (Center) - Additional Information

Gene ID 122961

Other Names
Iron-sulfur cluster assembly 2 homolog, mitochondrial, HESB-like domain-containing protein 1, ISCA2, HBLD1

Target/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.

Dilution
WB~~1:1000
IHC-P~~1:50~100

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
ISCA2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ISCA2 Antibody (Center) - Protein Information

Name ISCA2

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Synonyms HBLD1

Function Involved in the maturation of mitochondrial 4Fe-4S proteins functioning late in the iron-sulfur cluster assembly pathway. May be involved in the binding of an intermediate of Fe/S cluster assembly.

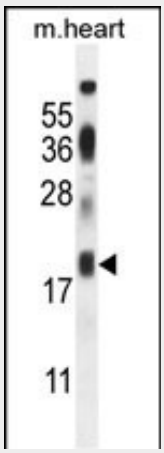
Cellular Location
Mitochondrion.

ISCA2 Antibody (Center) - Protocols

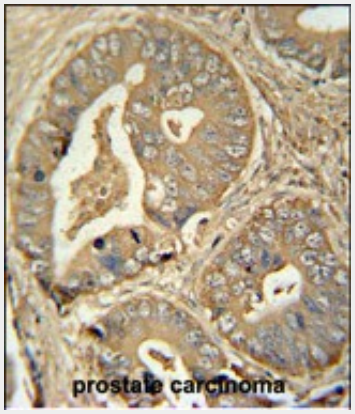
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ISCA2 Antibody (Center) - Images



ISCA2 Antibody (Center) (Cat. #AP10491c) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the ISCA2 antibody detected the ISCA2 protein (arrow).



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ISCA2 antibody (Center) (Cat. #AP10491c) 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.

ISCA2 Antibody (Center) - Background

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).

ISCA2 Antibody (Center) - 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)