

HBLD2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55984**Specification****HBLD2 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BUE6
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HBLD2
Epitope Specificity	1-100/129
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion.
SIMILARITY	Belongs to the HesB/IscA family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

ISCA1 is a mitochondrial protein involved in the biogenesis and assembly of iron-sulfur clusters, which play a role in electron-transfer reactions (Cozar-Castellano et al., 2004 [PubMed 15262227]).

HBLD2 Polyclonal Antibody - Additional Information

Gene ID 81689

Other Names

Iron-sulfur cluster assembly 1 homolog, mitochondrial, HESB-like domain-containing protein 2, Iron-sulfur assembly protein IscA, hIscA, ISCA1, HBLD2

Target/Specificity

Detected in cerebellum, kidney and heart.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

HBLD2 Polyclonal Antibody - Protein Information

Name ISCA1

Synonyms HBLD2

Function

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

Cellular Location

Mitochondrion

Tissue Location

Detected in cerebellum, kidney and heart.

HBLD2 Polyclonal Antibody - 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](#)

HBLD2 Polyclonal Antibody - Images