SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-HBLD2 antibody

Catalog Number: SL15417R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	HBLD2
Immunogen:	KLH conjugated synthetic peptide derived from human HBLD2: 1-100/129
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Horse, Rabbit, Sheep)
Predicted MW.:	13kDa
Subcellular Location:	cytoplasmic Mitochondrion
Background:	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]). **Function:** Involved in the assembly of mitochondrial iron-sulfur proteins. Probably involved in the binding of an intermediate of Fe/S cluster assembly. **Subcellular Location:** Mitochondrion. **Tissue Specificity:** Detected in cerebellum, kidney and heart. **Similarity:** Belongs to the HesB/IscA family. **Database links:** **Entrez Gene:** 81689 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	SwissProt: Q9BUE6 Human

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