

For Research Use Only

ISCA1 Polyclonal antibody

Catalog Number: 20324-1-AP



Basic Information

Catalog Number:

20324-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14188

GenBank Accession Number:

BC002675

GeneID (NCBI):

81689

UNIPROT ID:

Q9BUE6

Full Name:

iron-sulfur cluster assembly 1 homolog (S. cerevisiae)

Calculated MW:

129 aa, 14 kDa

Observed MW:

15 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HepG2 cells, mouse cerebellum tissue, mouse heart tissue

Background Information

ISCA1, also named as HBLD2 and HlscA, belongs to the hesB/iscA family. It is involved in the assembly of mitochondrial iron-sulfur proteins. ISCA1 probably involved in the binding of an intermediate of Fe/S cluster assembly. ISCA1 plays an important role in both mitochondrial and cytosolic iron-sulfur cluster biogenesis, and a notable component of the latter is the interaction between ISCA1 and IOP1.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

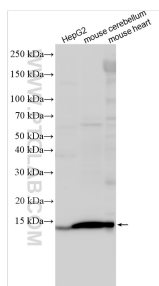
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20324-1-AP (ISCA1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.