

For Research Use Only

ISCA1 Polyclonal antibody, PBS Only

Catalog Number: 20324-1-PBS



Basic Information

Catalog Number:

20324-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS Only

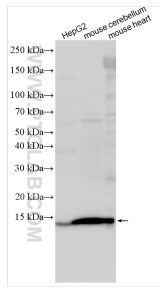
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 20324-1-PBS in a different storage buffer formulation.