# antibodies .- online.com





# anti-ISCU antibody





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Quantity:	200 μL
Target:	ISCU
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ISCU antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### **Product Details**

Immunogen:	Fusion protein of human ISCU
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details	
Target:	ISCU
Alternative Name:	ISCU (ISCU Products)
Background:	This gene encodes a component of the iron-sulfur (Fe-S) cluster scaffold. Fe-S clusters are cofactors that play a role in the function of a diverse set of enzymes, including those that regulate metabolism, iron homeostasis, and oxidative stress response. Alternative splicing
	results in transcript variants encoding different protein isoforms that localize either to the

#### Target Details

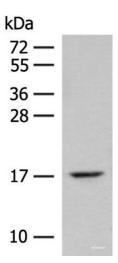
	cytosol or to the mitochondrion. Mutations in this gene have been found in patients with
	hereditary myopathy with lactic acidosis. A disease-associated mutation in an intron may
	activate a cryptic splice site, resulting in the production of a splice variant encoding a putatively
	non-functional protein. A pseudogene of this gene is present on chromosome 1.
Molecular Weight:	Observed_MW: Refer to figures
	Calculated_MW: 18 kDa
UniProt:	Q9H1K1

## Application Details

Application Notes:	WB 1:500-1:2000, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

### Handling

Format:	Liquid
Concentration:	0.96 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### **Western Blotting**

**Image 1.** Western blot analysis of Mouse lung tissue lysate using ISCU Polyclonal Antibody at dilution of 1:400