

## Anti-ISCU antibody

<b>Cat. No.</b>	ml125266
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-ISCU rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Fusion protein of human ISCU
<b>Reactivity</b>	Human
<b>Content</b>	0.78 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	ISCU
<b>Full name</b>	iron-sulfur cluster assembly enzyme
<b>Synonyms</b>	HML; ISU2; NIFU; NIFUN; hnifU; 2310020H20Rik
<b>Swissprot</b>	Q9H1K1

### Target 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 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.

订购热线: 4008-898-798

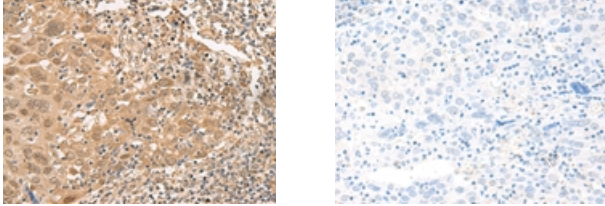
#### Applications

##### Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human cervical cancer

Recommended dilution: 40-200



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml125266(ISCU Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

##### ELISA

Recommended dilution: 5000-10000

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