

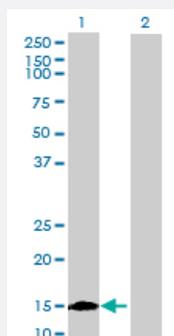
MaxPab®

NIFUN purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023479-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ISCU expression in transfected 293T cell line ([H00023479-T01](#)) by ISCU MaxPab polyclonal antibody.

Lane 1: NIFUN transfected lysate(15.62 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NIFUN protein.
Immunogen	NIFUN (NP_055116, 1 a.a. ~ 142 a.a) full-length human protein.
Sequence	MVLIDMSVDLSTQVVDHYENPRNVGSLDKTSKNVGTGLVGAPACGDVMKLIQVDEKGGKIVDAR FKTFGCGSAIASSSLATEWVWKGKTVEEALTIKNTDIAKELCLPPVKLHCSMLAEDAIIKAAALADYKLIK QEPKKGEAEKK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — ISCU

Entrez GeneID	23479
GeneBank Accession#	NM_014301
Protein Accession#	NP_055116
Gene Name	ISCU
Gene Alias	2310020H20Rik, HML, ISU2, MGC74517, NIFU, NIFUN, hnifU
Gene Description	iron-sulfur cluster scaffold homolog (E. coli)
Gene Ontology	Hyperlink
Gene Summary	Iron-sulfur (Fe-S) clusters are necessary for several mitochondrial enzymes and other subcellular compartment proteins. They contain sulfur and iron, and are created via several steps that include cysteine desulfurases, iron donors, chaperones, and scaffold proteins. This gene encodes the two isomeric forms, ISCU1 and ISCU2, of the Fe-S cluster scaffold protein. Mutations in this gene have been found in patients with myopathy with severe exercise intolerance and myoglobinuria. [provided by RefSeq]
Other Designations	IscU iron-sulfur cluster scaffold homolog NifU-like N-terminal domain containing iron-sulfur cluster assembly enzyme nitrogen fixation cluster-like