

NDUFB7 Polyclonal Antibody

Catalog No: #29181



Package Size: #29181-1 50ul #29181-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

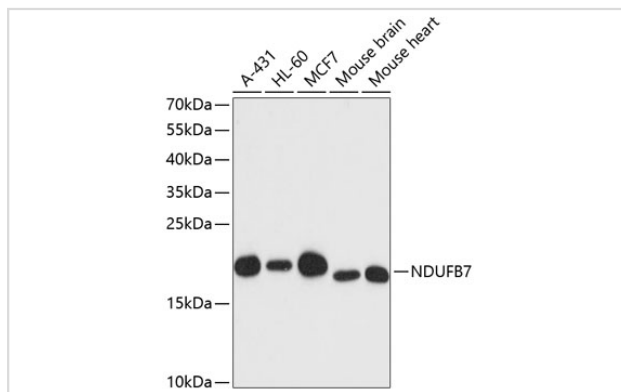
Description

Product Name	NDUFB7 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human NDUFB7 (NP_004137.2).
Other Names	NDUFB7;B18;CI-B18
Accession No.	GeneID:4713Swiss Prot:P17568
Calculated MW	16kDa
SDS-PAGE MW	16kDa
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 72% glycerol.
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.25.

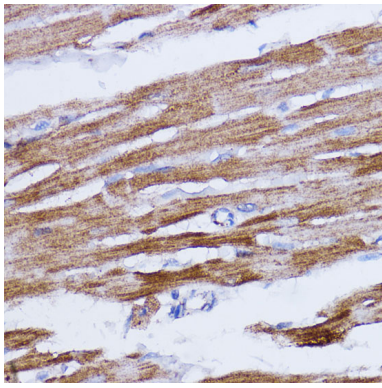
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:100 IF □ 1:50 - 1:100

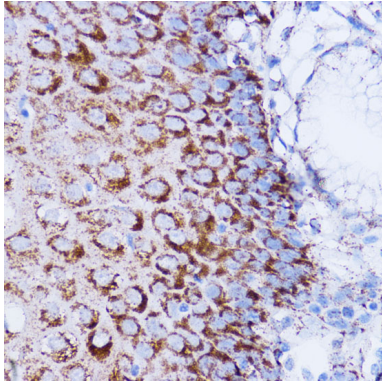
Images



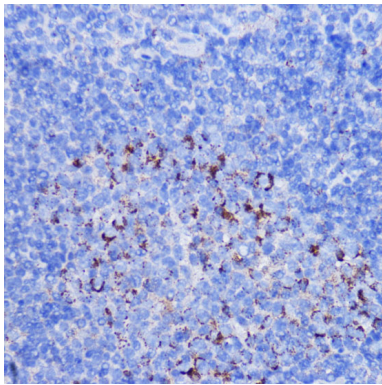
Western blot analysis of extracts of various cell lines, using NDUFB7 antibody at 1:3000 dilution.



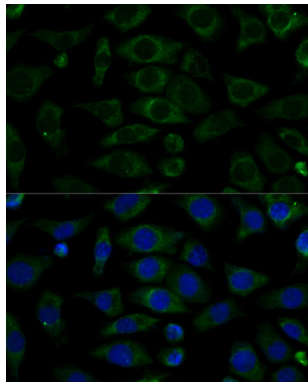
Immunohistochemistry of paraffin-embedded rat heart using NDUF7 antibody at dilution of 1:100 .



Immunohistochemistry of paraffin-embedded human esophageal using NDUF7 antibody at dilution of 1:100 .



Immunohistochemistry of paraffin-embedded mouse spleen using NDUF7 antibody at dilution of 1:100 .



Immunofluorescence analysis of L929 cells using NDUF7 Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.

Background

The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It is located at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.