

NDUFS5 Antibody

Catalog No: #34835

Package Size: #34835-1 50ul #34835-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

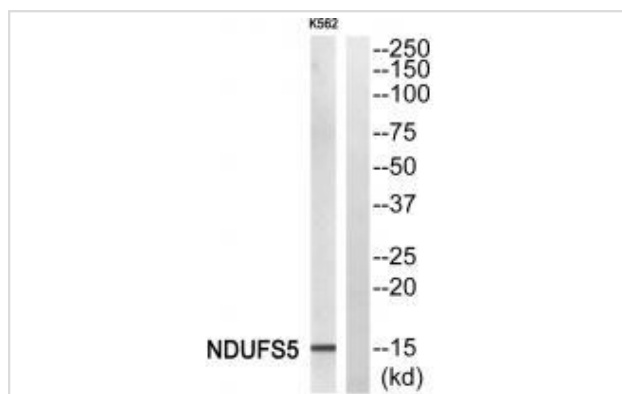
Product Name	NDUFS5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NDUFS5 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human NDUFS5.
Target Name	NDUFS5
Other Names	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5; NADH-ubiquinone oxidoreductase 15 kDa subunit; Complex I-15 kDa; CI-15 kDa;
Accession No.	Swiss-Prot: O43920NCBI Gene ID: 4725
Uniprot	O43920
GeneID	4725;
SDS-PAGE MW	15kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

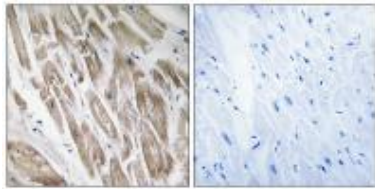
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells, using NDUFS5 antibody #34835.

Immunohistochemistry analysis of paraffin-embedded human heart tissue using NDUFS5 antibody #34835.



Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Mao M., Proc. Natl. Acad. Sci. U.S.A. 95:8175-8180(1998).

Loeffen J., J. Inherit. Metab. Dis. 22:19-28(1999).

Note: This product is for in vitro research use only