NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 Polyclonal Antibody

Catalog No: #42372

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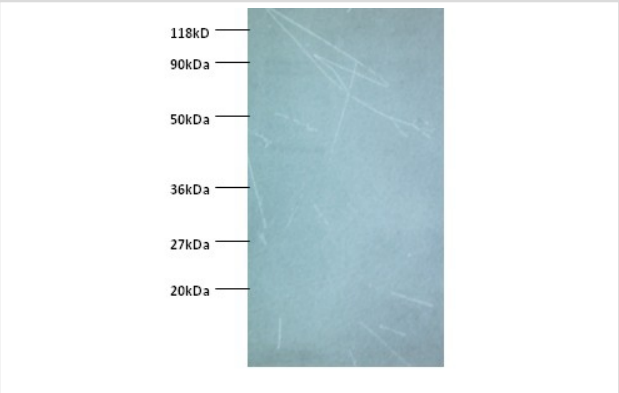
Description

Product Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 protein
Target Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5
Other Names	NDUFS5
Accession No.	Swiss-Prot#: O43920
Uniprot	O43920
GeneID	4725;
Calculated MW	11.7kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



All lanes : NADH dehydrogenase [ubiquinone] iron-sulfur protein 5antibody at at 2ug/mlLane 1 : EC109 whole cell lysateLane 2 : 293T whole cell lysate
SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size : 11.7 kDa
Observed band size: 40 kDa
Additional bands at : 80kDa.

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.

References

[1]"Identification of genes expressed in human CD34(+) hematopoietic stem/progenitor cells by expressed sequence tags and efficient full-length cDNA cloning."Mao M., Fu G., Wu J.-S., Zhang Q.-H., Zhou J., Kan L.-X., Huang Q.-H., He K.-L., Gu B.-W., Han Z

Note: This product is for in vitro research use only