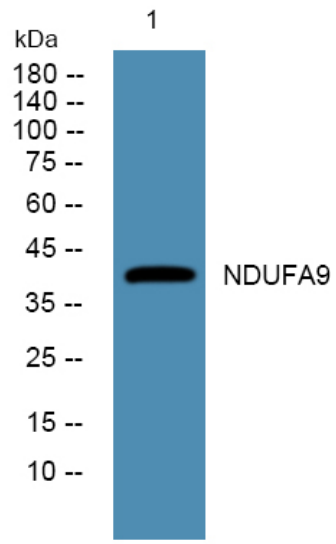
NDUFA9 Polyclonal Antibody

Catalog No	BYab-02701
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	NDUFA9
Protein Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9 mitochondrial
Immunogen	The antiserum was produced against synthesized peptide derived from human NDUFA9. AA range:87-136
Specificity	NDUFA9 Polyclonal Antibody detects endogenous levels of NDUFA9 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NDUFA9; NDUFS2L; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9; mitochondrial; Complex I-39kD; CI-39kD; NADH-ubiquinone oxidoreductase 39 kDa subunit
Observed Band	40kD
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	Blood,Colon,Liver,Muscle,Placenta,Skeletal muscle,
Function	cofactor:Binds 1 FAD per subunit.,function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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.,similarity:Belongs to the complex I NDUFA9 subunit family.,subunit:Complex I is composed of 45 different subunits. This a component of the hydrophobic protein fraction.,

Background	The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12. [provided by RefSeq, May 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4°over night