NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial Polyclonal Conjugated Antibody

Catalog No: #C42432

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Package Size: #C42432-AF350 100ul #C42432-AF405 100ul #C42432-AF488 100ul #C42432-AF555 100ul #C42432-AF594 100ul #C42432-AF647 100ul #C42432-AF680 100ul #C42432-AF750 100ul #C42432-Biotin 100ul

Description

Product Name	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial polyclonal antibody.
Immunogen Description	Recombinant human NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NDUFV2
Accession No.	Swiss-Prot#:P19404
Uniprot	P19404
GeneID	4729;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	27
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

NDUFV2 is the core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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. Complex I is composed of 45 different subunits. This is a component of the flavoprotein-sulfur (FP) fragment of the enzyme.

Note: This product is for in vitro research use only