

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1 Polyclonal Conjugated Antibody

Catalog No: #C42282

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

Package Size: #C42282-AF350 100ul #C42282-AF405 100ul #C42282-AF488 100ul

#C42282-AF555 100ul #C42282-AF594 100ul #C42282-AF647 100ul

#C42282-AF680 100ul #C42282-AF750 100ul #C42282-Biotin 100ul

Description

Product Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1 polyclonal antibody.
Immunogen Description	Recombinant human NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Complex I-MWFE,CI-MWFE,NADH-ubiquinone oxidoreductase MWFE subunit,NDUFA1
Accession No.	Swiss-Prot#:O15239
Uniprot	O15239
GeneID	4694;
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
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

NDUFA1 (NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1) is an essential component of the multisubunit NADH ubiquinone oxidoreductase (complex 1), the first enzyme complex in the mitochondrial respiratory chain. Complex I transfers electrons from NADH to the respiratory chain via ubiquinone.

Note: This product is for in vitro research use only