

Rabbit anti-Human, Mouse NDUF3 Polyclonal Antibody | anti-NDUF3 antibody

NDUF3 Antibody (N-Term)

CATALOG # AAA290548	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
-------------------------------	-----------------------	-----------------------------------	-------------------------------------

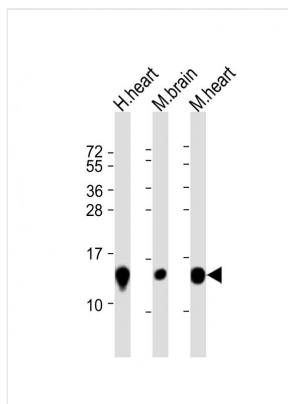
PRODUCT SYNONYMS

NDUF3; Polyclonal Antibody; NDUF3 Antibody (N-Term); Purified Rabbit Polyclonal Antibody (Pab); NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3; Complex I-B12; CI-B12; NADH-ubiquinone oxidoreductase B12 subunit; anti-NDUF3 antibody

PRODUCT SPECIFICATIONS

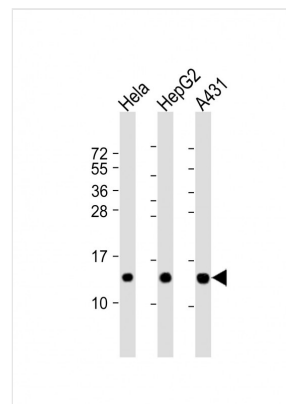
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This NDUF3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 13-45 amino acids from human NDUF3.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	98
Applicable Applications for anti-NDUF3 antibody	WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

All lanes : Anti-NDUF3 Antibody (N-Term) at 1:8000 dilution
Lane 1: human heart lysate
Lane 2: mouse brain lysate
Lane 3: mouse heart lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 11 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

All lanes : Anti-NDUF3 Antibody (N-Term) at 1:2000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: HepG2 whole cell lysate
Lane 3: A431 whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 11 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFB3 antibody	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.
Product Categories/Family for anti-NDUFB3 antibody	Crown Antibodies; Cancer; Metabolism; Signal Transduction
References	Ton C.,et al.Biochem. Biophys. Res. Commun. 241:589-594(1997). Loeffen J.L.C.M.,et al.Biochem. Biophys. Res. Commun. 253:415-422(1998). Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DBJ databases. Hillier L.W.,et al.Nature 434:724-731(2005). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	380036038
NCBI GeneID	4709
NCBI Accession #	NP_001244031.1
NCBI GenBank Nucleotide #	NM_001257102.1
UniProt Accession #	O43676; Q6IB80
Molecular Weight	11402
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit B3
NCBI Official Symbol	NDUFB3
NCBI Official Synonym Symbols	B12; CI-B12
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3
UniProt Gene Name	NDUFB3
UniProt Synonym Gene Names	CI-B12
UniProt Entry Name	NDUB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.