

Rabbit anti-Human, Mouse NDUFA12 Polyclonal Antibody | anti-NDUFA12 antibody

NDUFA12 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175145	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

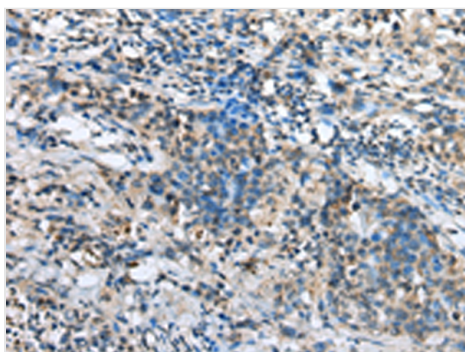
PRODUCT SYNONYMS

NDUFA12; Polyclonal Antibody; NDUFA12 Polyclonal Antibody; 13 kDa differentiation associated protein; 13 kDa differentiation-associated protein; 2410011G03Rik; AW112974; B17.2; CI-B17.2; CIB17.2; Complex I B17.2; Complex I B17.2 subunit; Complex I-B17.2; DAP13; MGC107642; MGC7999; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 12; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12; NADH ubiquinone oxidoreductase subunit B17.2; NADH-ubiquinone oxidoreductase subunit B17.2; NDUAC; RGD1311462; anti-NDUFA12 antibody

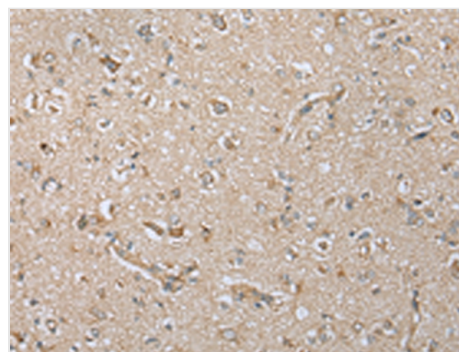
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.7mg/mL (varies by lot)
Sequence Length	145
Applicable Applications for anti-NDUFA12 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

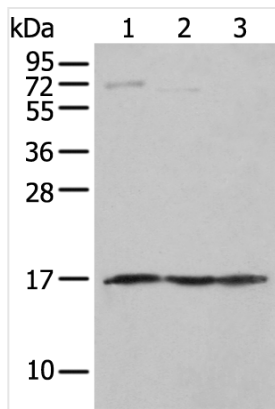
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using NDUFA12 Polyclonal Antibody at dilution of 1:30(×200


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using NDUFA12 Polyclonal Antibody at dilution of 1:30(×200



WB (Western Blot)

Western blot analysis of Human fetal muscle tissue PC-3 and Jurkat cell using NDUFA12 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFA12 antibody	This gene encodes a protein which is part of mitochondrial complex 1, part of the oxidative phosphorylation system in mitochondria. Complex 1 transfers electrons to ubiquinone from NADH which establishes a proton gradient for the generation of ATP. Mutations in this gene are associated with Leigh syndrome due to mitochondrial complex 1 deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-NDUFA12 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	10092657
NCBI GeneID	55967
NCBI Accession #	NP_061326; BC005936
NCBI GenBank Nucleotide #	NP_061326.1
UniProt Accession #	Q9UI09
Molecular Weight	17 kDa
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit A12
NCBI Official Symbol	NDUFA12
NCBI Official Synonym Symbols	B17.2; DAP13; MC1DN23
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
UniProt Gene Name	NDUFA12
UniProt Synonym Gene Names	DAP13; CI-B17.2; CIB17.2
UniProt Entry Name	NDUAC_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.