

Rabbit anti-Human NDUFAF1 Polyclonal Antibody | anti-NDUFAF1 antibody

NDUFAF1 Antibody

CATALOG # AAA327349	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

NDUFAF1; Polyclonal Antibody; NDUFAF1 Antibody; CGI 65; CGI65; CIA30; CIA30_HUMAN; Complex I intermediate associated protein 30; Complex I intermediate associated protein 30 mitochondrial; Complex I intermediate-associated protein 30; mitochondrial; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex assembly factor 1; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 1; NADH:ubiquinone oxidoreductase complex assembly factor 1; NDUFAF 1; Ndufaf1; anti-NDUFAF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	NDUFAF1 antibody detects endogenous levels of total NDUFAF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	327
Applicable Applications for anti-NDUFAF1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NDUFAF1
Subcellular Location	Mitochondrion.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Horse, Dog
Similarity	Horse (100%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of NDUFAF1 using Jurkat whole lysates.



IHC (Immunohistochemistry)
AAA327349 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFAF1 antibody	Function: Chaperone protein involved in the assembly of the mitochondrial NADH:ubiquinone oxidoreductase complex (complex I). Subunit Structure: Part of the mitochondrial complex I assembly (MC1A) complex. The complex comprises at least TMEM126B, CIA30, ECSIT, and ACAD9 (By similarity). Interacts with ECSIT (PubMed:17344420). Interacts with ACAD9 (PubMed:20816094). Similarity: Belongs to the CIA30 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49574510
NCBI GeneID	51103
NCBI Accession #	NP_057097.2
NCBI GenBank Nucleotide #	NM_016013.3
UniProt Accession #	Q9Y375; Q9BVZ5
Molecular Weight	Observed: 38 kDa Predicted: 38 kDa
NCBI Official Full Name	complex I intermediate-associated protein 30, mitochondrial
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase complex assembly factor 1
NCBI Official Symbol	NDUFAF1
NCBI Official Synonym Symbols	CGI65; CIA30; CGI-65
NCBI Protein Information	complex I intermediate-associated protein 30, mitochondrial
UniProt Protein Name	Complex I intermediate-associated protein 30, mitochondrial
UniProt Gene Name	NDUFAF1
UniProt Synonym Gene Names	CIA30

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufaf1-antibody-immunohistochemistry-western-blot-elisa/327349>