

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

NDUFAF1 Antibody (C-term)

CATALOG # AAA289551	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

NDUFAF1; Polyclonal Antibody; NDUFAF1 Antibody (C-term); Complex I intermediate-associated protein 30; mitochondrial; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 1; CIA30; anti-NDUFAF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NDUFAF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 247-276 amino acids from the C-terminal region of human NDUFAF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	247-276
Sequence Length	327
Applicable Applications for anti-NDUFAF1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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



IHC (Immunohistochemistry)

NDUFAF1 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NDUFAF1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

NDUFAF1 Antibody (C-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the NDUFAF1 antibody detected the NDUFAF1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFAF1 antibody	The NDUFAF1 gene encodes the human homolog of a Neurospora crassa Cia30 protein involved in the assembly of complex I.
Product Categories/Family for anti-NDUFAF1 antibody	Metabolism; Signal Transduction
References	Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) : Dunning, C.J., et al. EMBO J. 26(13):3227-3237(2007) Vogel, R.O., et al. Mol. Genet. Metab. 91(2):176-182(2007) Vogel, R.O., et al. Genes Dev. 21(5):615-624(2007) Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :

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	37764
NCBI Official Full Name	complex I intermediate-associated protein 30, mitochondrial
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) complex I, 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
UniProt Entry Name	CIA30_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufaf1-antibody-immunohistochemistry-western-blot-elisa/289551>