

NDUFAF1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10745B

Specification

NDUFAF1 Antibody (C-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O9Y375
Other Accession	NP_057097.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37764
Antigen Region	247-276

NDUFAF1 Antibody (C-term) - Additional Information

Gene ID 51103

Other Names

Complex I intermediate-associated protein 30, mitochondrial, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 1, NDUFAF1, CIA30

Target/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.

Dilution

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NDUFAF1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFAF1 Antibody (C-term) - Protein Information

Name NDUFAF1 ([HGNC:18828](#))

Synonyms CIA30

Function As part of the MCIA complex, involved in the assembly of the mitochondrial complex I.

Cellular Location

Mitochondrion. Mitochondrion matrix. Note=Peripherally associated with the matrix face of the mitochondrial inner membrane

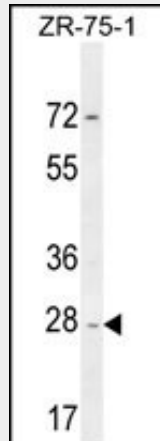
Tissue Location

Ubiquitous..

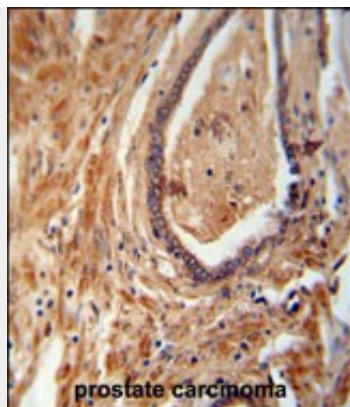
NDUFAF1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDUFAF1 Antibody (C-term) - Images

NDUFAF1 Antibody (C-term) (Cat. #AP10745b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the NDUFAF1 antibody detected the NDUFAF1 protein (arrow).



NDUFAF1 antibody (C-term) (Cat. #AP10745b) 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.

NDUFAF1 Antibody (C-term) - Background

The NDUFAF1 gene encodes the human homolog of a *Neurospora crassa* Cia30 protein involved in the assembly of complex I.

NDUFAF1 Antibody (C-term) - 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) :