

Product datasheet for **AP52839PU-N**

NDUFAF4 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 32-61 amino acids from the N-terminal region of Human NDUFAF4
Specificity:	This antibody recognizes Human NDUFAF4 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	NADH:ubiquinone oxidoreductase complex assembly factor 4
Database Link:	Entrez Gene 29078 Human Q9P032



[View online »](#)

Background:

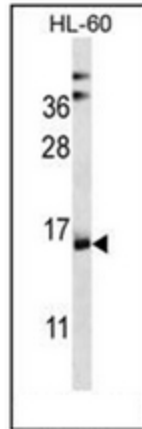
NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene are a cause of mitochondrial complex I deficiency. [provided by RefSeq].

Synonyms:

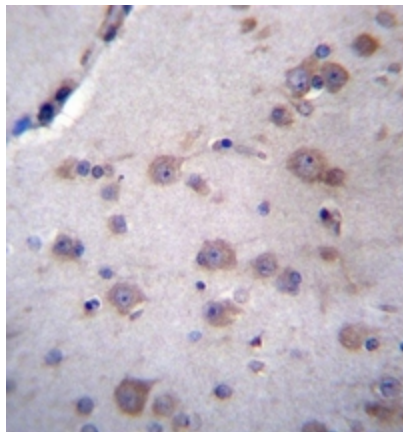
HRPAP20, C6orf66, HSPC125, My013

Note:

Molecular Weight: 20266 Da

Product images:

Western blot analysis of NDUFAF4 Antibody (N-term) in HL-60 cell line lysates (35ug/lane). This demonstrates the NDUFAF4 antibody detected the NDUFAF4 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with NDUFAF4 Antibody (N-term), which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of NDUFAF4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.