

PACO17787

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:1000-1:10000, IHC:1:50-1:200

**Protein Background:**

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.

**Gene ID:**

NDUFA12

**Uniprot**

Q9UI09

**Synonyms:**

NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12

**Immunogen:**

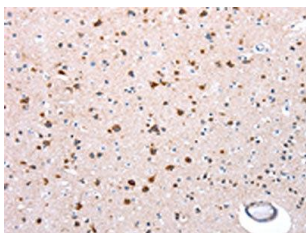
Synthetic peptide of human NDUFA12.

**Storage:**

-20&deg; C, pH7.4 PBS, 0.05% NaN<sub>3</sub>, 40% Glycerol

## Product Images

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The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO17787(NDUFA12 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: x—200).