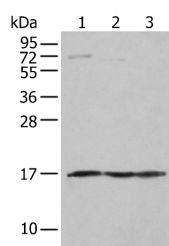


## NDUFA12 Polyclonal Antibody

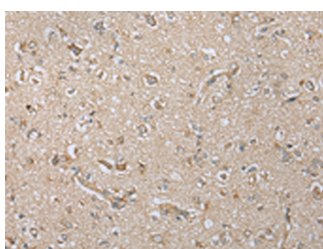
<b>Catalog No.</b>	E-AB-18397	<b>Reactivity</b>	H,M
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

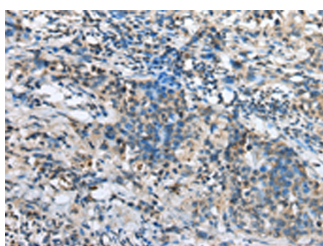
### Images



Western blot analysis of Human fetal muscle tissue PC-3 and Jurkat cell using NDUFA12 Polyclonal Antibody at dilution of 1:300



Immunohistochemistry of paraffin-embedded Human brain tissue using NDUFA12 Polyclonal Antibody at dilution of 1:30(×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using NDUFA12 Polyclonal Antibody at dilution of 1:30(×200)

### Immunogen Information

<b>Immunogen</b>	Full length fusion protein
<b>Gene Accession</b>	BC005936
<b>Swissprot</b>	Q9UI09
<b>Synonyms</b>	AW112974,CIB17.2,Complex I B17.2,DAP13,MGC107642,MGC7999,NDUAC,NDUFA12,RGD1311462

### Product Information

<b>Calculated MW</b>	17 kDa
<b>Observed MW</b>	Refer to figures
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IHC 1:25-1:100, ELISA 1:5000-1:10000

### 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.