

NDUFA12 Polyclonal Antibody

catalog number: E-AB-18397

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

Description

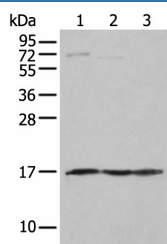
Reactivity	Human;Mouse
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

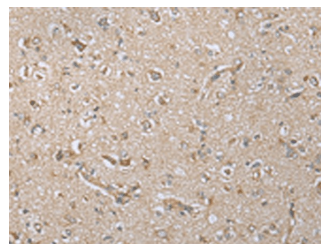
Recommended Dilution

WB	1:500-1:2000
IHC	1:25-1:100

Data



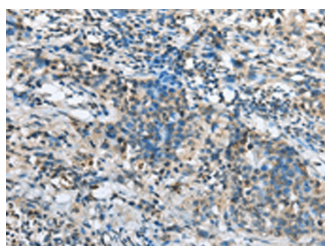
Western blot analysis of Human fetal muscle tissue PC-3 and Jurkat cell using NDUFA12 Polyclonal Antibody at dilution of 1:300



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

Observed-MV:Refer to figures

Calculated-MV:17 kDa



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

This gene encodes a protein which is part of mitochondrial complex I, part of the oxidative phosphorylation system in mitochondria. Complex I 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 I deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants.