NDUFB1 polyclonal antibody

Catalog: BS61217 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

NDUFB1 (NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1), also known as CI-MNLL (complex I-MNLL), CI-SGDH or NADH-ubiquinone oxidoreductase MNLL subunit, is a 58 amino acid single-pass membrane protein that localizes to the matrix side of the mitochondrial membrane. A member of the complex I NDUFB1 subunit family, NDUFB1 is encoded by a gene that maps to human chromosome 14q32.12. Chromosome 14 houses over 700 genes and comprises nearly 3.5% of the human genome. Chromosome 14 encodes the presinilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease (AD). The SERPINA1 gene is also located on chromosome 14 and, when defective, leads to the genetic disorder α1-antitrypsin deficiency, which is characterized by severe lung complications and liver dysfunction.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 12 kDa

Swiss-Prot:

O75438

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

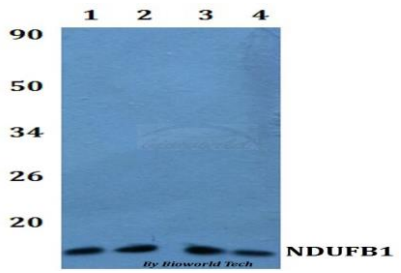
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

NDUFB1 polyclonal antibody detects endogenous levels of NDUFB1 protein.

DATA:



Western blot (WB) analysis of NDUFB1 polyclonal antibody at 1:500 dilution Lane1:HEK293T whole cell lysate Lane2:RAW264.7 whole cell lysate Lane3:H9C2 whole cell lysate Lane4:Hela whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151