bs-3961R

[Primary Antibody]

www.bioss.com.cn sales@bioss.com.cn

techsupport@bioss.com.cn 400-901-9800

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

NDUFS4 Rabbit pAb

GeneID: 4724 SWISS: 043181

Target: NDUFS4

Immunogen: KLH conjugated synthetic peptide derived from human NDUFS4:

101-175/175.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: This gene encodes an accessory subunit of the mitochondrial

membrane respiratory chain NADH dehydrogenase (Complex I), or NADH:ubiquinone oxidoreductase, the first multi-subunit enzyme complex of the mitochondrial respiratory chain. Complex I plays a vital role in cellular ATP production, the primary source of energy for many crucial processes in living cells. It removes electrons from NADH and passes them by a series of different protein-coupled redox centers to the electron acceptor ubiquinone. In well-coupled mitochondria, the electron flux leads to ATP generation via the building of a proton gradient across the inner membrane. Complex I is composed of at least 41 subunits, of which 7 are encoded by the mitochondrial genome and the remainder by nuclear genes.

[provided by RefSeq, Jul 2008].

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) **IF** (1:100-500) **ELISA** (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Rabbit, Pig, Sheep, Cow, Chicken, Horse)

Predicted MW.: 15.4 kDa

Subcellular Location: Cell membrane ,Cytoplasm

— SELECTED CITATIONS —

• [IF=7.169] Wang Xuan-zhong. et al. TAX1BP1 contributes to deoxypodophyllotoxin-induced glioma cell parthanatos via inducing nuclear translocation of AIF by activation of mitochondrial respiratory chain complex I. ACTA PHARMACOL SIN. 2023 Apr;:1-14 CoIP; Human. 37186123