

COX8A polyclonal antibody

Catalog: BS60289

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The cytochrome c oxidase (COX) family of proteins function as the final electron donor in the respiratory chain to drive a proton gradient across the inner mitochondrial membrane, ultimately resulting in the production of water and ATP. The mammalian COX apoenzyme is a dimer, with each monomer consisting of 13 subunits, some of which are mitochondrial and some of which are nuclear. The COX8 (cytochrome c oxidase subunit VIII) subunits are nuclear and have muscle and non-muscle-specific isoforms. COX8 exists as three isoforms: COX8a, a liver and heart isoform, Cox8b, a heart-specific isoform, and Cox8c, whose expression pattern has yet to be elucidated. All three Cox8 isoforms exist as components of the COX complex and play an important role in electron transport.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 8 kDa

Swiss-Prot:

P10176

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

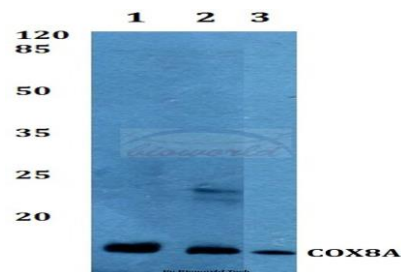
Storage&Stability:

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

Specificity:

COX8A polyclonal antibody detects endogenous levels of COX8A protein.

DATA:



Western blot (WB) analysis of COX8A polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:Rat brain tissue lysate

Note:

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

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