

ATP8 polyclonal antibody

Catalog: BS1702

Host: Rabbit

Reactivity: Mouse

BackGround:

Mitochondrial ATP synthase is composed of two multi-subunit complexes that utilize an inner membrane electrochemical gradient to catalyze the synthesis of ATP during oxidative phosphorylation. The two multi-subunit complexes are designated F1 and F0, the former of which comprises the soluble catalytic core and the latter of which comprises the membrane-spanning proton channel of ATP synthase. ATP8, also known as MT-ATP8, ATPASE8 or MTATP8, is a 68 amino acid single-pass membrane protein that localizes to mitochondria and functions as a minor subunit of the F0 complex. The gene encoding ATP8 maps to the mitochondrial chromosome and may be involved in the pathogenesis of multiple sclerosis.

Product:

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

Molecular Weight:

~ 8 kDa

Swiss-Prot:

P03930

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

IHC: 1:50~1:200

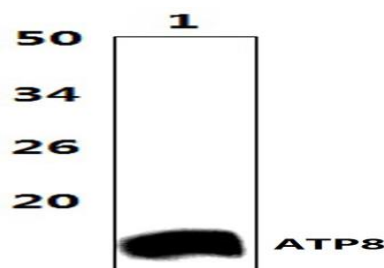
Storage&Stability:

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

Specificity:

ATP8 polyclonal antibody detects endogenous levels of ATP8 protein.

DATA:



Western blot (WB) analysis of ATP8 polyclonal antibody at 1:1000 dilution

Lane1: The heart tissue lysate of Mouse (38µg)

Note:

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

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