

OPA1 polyclonal antibody

Catalog: BS60751

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

OPA1 (Optic atrophy 1 gene protein), is a 120kDa protein belonging to the dynamin family. The OPA1 gene has been localized to 3q29. The gene is targeted to mitochondria and is involved in mitochondrial biogenesis. Defects in OPA1 are a cause of optic atrophy type 1. OPA1 is mostly expressed in retina but can also be expressed in brain, testis, heart and skeletal muscle.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 112 kDa

Swiss-Prot:

O60313

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

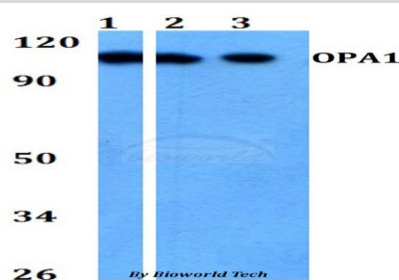
Storage&Stability:

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

Specificity:

OPA1 polyclonal antibody detects endogenous levels of OPA1 protein.

DATA:



Western blot (WB) analysis of OPA1 polyclonal antibody at 1:500 dilution

Lane1: A549 whole cell lysate

Lane2: Raw264.7 whole cell lysate

Lane3: PC12 whole cell lysate

Note:

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

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