WFS1 polyclonal antibody

Catalog: BS61338 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The Wolframin gene encodes a protein found in endoplasmic reticulum membrane of several tissues including brain, pancreas, lung and placenta. Loss-of-function mutations in both alleles result in Wolfram syndrome (also known as DIDMOAD, an autosomal recessive disorder that causes juvenile diabetes mellitus, diabetes insipidus, optic atrophy and a number of neurological symptoms including deafness, ataxia and peripheral neuropathy. A large number and variety of mutations in this gene, particularly in exon 8, can be associated with Wolfram syndrome. Mutations in this gene can also cause autosomal dominant deafness 6 (DFNA6), also known as DFNA14 or DFNA38.

Product:

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

Molecular Weight:

~ 100 kDa

Swiss-Prot:

O76024

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

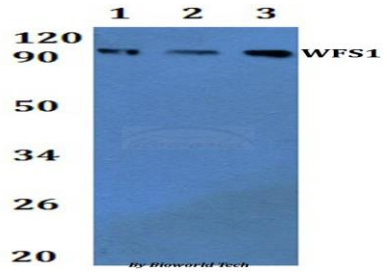
Storage&Stability:

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

Specificity:

WFS1 polyclonal antibody detects endogenous levels of WFS1 protein.

DATA:



Western blot (WB) analysis of WFS1 polyclonal antibody at 1:500 dilution

Line1:Hela whole cell lysate

Line2:H9C2 whole cell lysate

Line3:Raw264.7 whole cell lysate

Note:

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

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