

**MT-RNR2 polyclonal antibody**

Catalog: BS33960

Host: Rabbit

Reactivity: Human

BackGround:

Humanin: Plays a role as a neuroprotective factor . Protects against neuronal cell death induced by multiple different familial Alzheimer disease genes and amyloid-beta proteins in Alzheimer disease . Mediates its neuroprotective effect by binding to the humanin receptor complex; binding of MT-RNR2 activates the intracellular JAK-STAT3 signaling pathways . Also acts as a ligand for G protein-coupled receptors FPR2/FPRL1 and FPR3/FPRL2 . Inhibits amyloid-beta protein 40 fibril formation . Also inhibits amyloid-beta protein 42 fibril formation . Suppresses apoptosis by binding to BAX and preventing the translocation of BAX from the cytosol to mitochondria . Also suppresses apoptosis by binding to BID and inhibiting the interaction of BID with BAX and BAK which prevents oligomerization of BAX and BAK and suppresses release of apoptogenic proteins from mitochondria . Forms fibers with BAX and also...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~4.38 kDa

Swiss-Prot:

Q8IVG9

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of MT-RNR2 protein

DATA:

Western blot analysis of HBZ expression in K562 (A) whole cell lysates.

Note:

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

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