MPP9 polyclonal antibody

Catalog: BS5800 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Progression of cells from interphase to mitosis involves alterations in cell structures and activities. The transition from G2 to M phase is induced by M phase-promoting factor (MPF). In M phase, many proteins are phosphorylated directly by MPF or indirectly by kinases activated by MPF. These M phase phosphoproteins (MPPs), also known as MPHOSPHs, permit disassembly of interphase structures and generation of M phase enzymatic activities and structures. MPP9 (M-phase phosphoprotein 9), also known as MPHOSPH9, is a 1,031 amino acid peripheral membrane protein of the Golgi apparatus that exists as two alternatively spliced isoforms. The gene encoding MPP9 maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5% of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 78, 116 kDa

Swiss-Prot:

Q99550

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

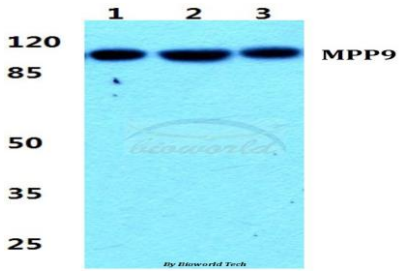
Storage&Stability:

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

Specificity:

MPP9 polyclonal antibody detects endogenous levels of MPP9 protein.

DATA:



Western blot (WB) analysis of MPP9 polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:NIH-3T3 cell lysate

Lane3:PC12 cell lysate

Note:

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

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