MYCBP2 polyclonal antibody

Catalog: BS34811 Host: Rabbit Reactivity: Human, Mouse

BackGround:

E3 ubiquitin-protein ligase MYCBP2: Atypical E3 ubiquitin-protein ligase which specifically mediates ubiquitination of threonine and serine residues on target proteins, instead of ubiquitinating lysine residues . Shows esterification activity towards both threonine and serine, with a preference for threonine, and acts via two essential catalytic cysteine residues that relay ubiquitin to its substrate via thioester intermediates . Interacts with the E2 enzymes UBE2D1, UBE2D3, UBE2E1 and UBE2L3 . Plays a key role in neural development, probably by mediating ubiquitination of threonine residues on target proteins (Probable). Involved in different processes such as regulation of neurite outgrowth, synaptic growth, synaptogenesis and axon degeneration (By similarity). Required for the formation of major central nervous system axon tracts (By similarity). Required for proper axon growth by regulating axon navigation and axon...

Product:

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

Molecular Weight:

~514 kDa

Swiss-Prot:

O75592

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of MYCBP2 protein

DATA:

Note:

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

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