

**TRIM3 polyclonal antibody**

Catalog: BS35423

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Tripartite motif-containing protein 3: E3 ubiquitin ligase that plays essential roles in neuronal functions such as regulation of neuronal plasticity, learning, and memory (By similarity). In addition to its neuronal functions, participates in other biological processes such as innate immunity or cell cycle regulation. Component of the cytoskeleton-associated recycling or transport complex in neurons, polyubiquitinates gamma-actin, thus regulating neuronal plasticity, learning, and memory (By similarity). Ubiquitinates postsynaptic scaffold GKAP, a neuronal substrate involved in synaptic remodeling and thereby modulates dendritic spine morphology (By similarity). Positively regulates motility of microtubule-dependent motor protein KIF21B (By similarity). Induces growth arrest via its RING-dependent E3 ligase activity and ubiquitinates CDKN1A. Positively regulates TLR3-mediated signaling by mediating 'Lys-63'-linked polyub...

Product:

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

Molecular Weight:

~80.8 kDa

Swiss-Prot:

O75382

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200), IF/ICC (1/50 - 1/200)

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 TRIM3 protein

DATA:

Western blot analysis of CD186 expression in JAR (A) whole cell lysates.

Note:

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

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