



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SHANK1 polyclonal antibody

Catalog: BS34569

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

SH3 and multiple ankyrin repeat domains protein 1: Seems to be an adapter protein in the postsynaptic density (PSD) of excitatory synapses that interconnects receptors of the postsynaptic membrane including NMDA-type and metabotropic glutamate receptors via complexes with GKAP/PSD-95 and Homer, respectively, and the actin-based cytoskeleton. Plays a role in the structural and functional organization of the dendritic spine and synaptic junction

Product:

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

Molecular Weight:

~225 kDa

Swiss-Prot:

Q9Y566

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 SHANK1 protein

DATA:

Western blot analysis of NPR1 expression in HepG2 (A), mouse lung (B), mouse liver (C), rat brain (D) whole cell lysates.

Note:

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

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