
Shank1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250856

Unit: 0.1 mg

Description:

SH3 and multiple ankyrin repeat domains protein 1 (Shank1) is an adaptor 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, as well as in the actin based cytoskeleton. Shank1 plays a role in the structural and functional organization of the dendritic spine and synaptic junction. Shank1 is expressed in the brain, particularly in the amygdala, hippocampus, substantia nigra and thalamus.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: SH3 and multiple ankyrin repeat domains protein 1; Shank1; Somatostatin receptor-interacting protein; SSTR-interacting protein; SSTRIP

Accession No.: Q9Y566

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Shank1.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.