

For Research Use Only

SHANK3 Polyclonal antibody

Catalog Number: 55058-1-AP



Basic Information

Catalog Number:

55058-1-AP

Size:

150ul , Concentration: 267 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001080420

GeneID (NCBI):

85358

Full Name:

SH3 and multiple ankyrin repeat domains 3

Calculated MW:

186 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

SHANK3, also named as KIAA1650 and PSAP2, 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. SHANK3 may play a role in the structural and functional organization of the dendritic spine and synaptic junction. The antibody is specific to SHANK3.

Storage

Storage:

Store at -20°C.

Storage Buffer:

0.1M NaHCO₃, 0.1M glycine, 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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