

Product datasheet for **TA350836**

SHANK1 Rabbit Polyclonal Antibody

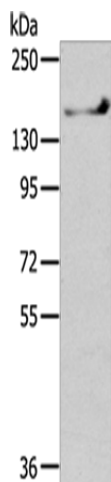
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse brain tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human SHANK1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	225 kDa
Gene Name:	SH3 and multiple ankyrin repeat domains 1
Database Link:	NP_057232 Entrez Gene 78957 RatEntrez Gene 243961 MouseEntrez Gene 50944 Human Q9Y566
Background:	SHANK1 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.
Synonyms:	SPANK-1; SSTRIP; synamon



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Product images:



Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: Mouse brain tissue
Primary antibody: TA350836 (SHANK1 Antibody)
at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 1 minute