

Anti-SHANK2 / SHANK Antibody (aa331-380)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17818**Specification**

Anti-SHANK2 / SHANK Antibody (aa331-380) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UPX8
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	201261
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

Anti-SHANK2 / SHANK Antibody (aa331-380) - Additional Information**Gene ID** 22941**Alias Symbol** SHANK2**Other Names**

SHANK2, AUTS17, Cortactin binding protein 1, CTTNBP1, CORTBP1, SPANK-3, SHANK, Cortactin-binding protein 1, GKAP/SAPAP interacting protein, KIAA1022, ProSAP1

Target/Specificity

SHANK2 Antibody detects endogenous levels of total SHANK2 protein.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-SHANK2 / SHANK Antibody (aa331-380) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-SHANK2 / SHANK Antibody (aa331-380) - Protein Information**Name** SHANK2**Synonyms** CORTBP1, KIAA1022, PROSAP1**Function**

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, and the actin-based cytoskeleton. May play a role in the structural and functional organization of the dendritic spine and synaptic junction.

Cellular Location

Apical cell membrane. Cytoplasm. Synapse. Postsynaptic density. Cell projection, growth cone. Cell projection, dendritic spine. Note=Colocalizes with cortactin in growth cones in differentiating hippocampal neurons Colocalized with PDE4D to the apical membrane of colonic crypt cells (By similarity).

Tissue Location

Isoform 3 is present in epithelial colonic cells (at protein level).

Anti-SHANK2 / SHANK Antibody (aa331-380) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SHANK2 / SHANK Antibody (aa331-380) - Images