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SHANK2 Rabbit pAb

货号: **AYP21633**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	
实测分子量	159kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse liver,Rat liver
细胞定位	apical plasma membrane,ciliary membrane,cytosol,dendritic spine,glutamatergic synapse,growth cone,hippocampal mossy fiber to CA3 synapse,neuron projection,plasma membrane,postsynaptic density,presynaptic active zone
纯化	Affinity purification

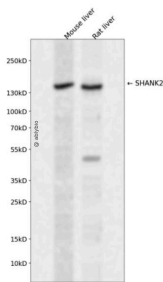
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 500-600 of human SHANK2 (NP_036441.2).
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靶点信息

研究背景	This gene encodes a protein that is a member of the Shank family of synaptic proteins that may function as molecular scaffolds in the postsynaptic density of excitatory synapses. Shank proteins contain multiple domains for protein-protein interaction, including ankyrin repeats, and an SH3 domain. This particular family member contains a PDZ domain, a consensus sequence for cortactin SH3 domain-binding peptides and a sterile alpha motif. The alternative splicing demonstrated in Shank genes has been suggested as a mechanism for regulating the molecular structure of Shank and the spectrum of Shank-interacting proteins in the postsynaptic densities of the adult and developing brain. Alterations in the encoded protein may be associated with susceptibility to autism spectrum disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]
基因ID	22941
基因名	SHANK2
Swiss	Q9UPX8 (https://www.uniprot.org/uniprotkb/Q9UPX8/entry)
别名	AUTS17,CORTBP1,CTTNBP1,ProSAP1,SHANK,SPANK-3,SHANK2,SHANK2 Rabbit pAb,Cortactin-binding protein 1,Proline-rich synapse-associated protein 1,KIAA1022

产品验证



Western blot analysis of SHANK2 expressed in Mouse liver,Rat liver using SHANK2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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