



PICK1 Antibody, HRP conjugated

Product Code	CSB-PA05445B0Rb
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9NRD5
Immunogen	Recombinant Human PRKCA-binding protein (1-200AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	<p>Probable adapter protein that bind to and organize the subcellular localization of a variety of membrane proteins containing some PDZ recognition sequence. Involved in the clustering of various receptors, possibly by acting at the receptor internalization level. Plays a role in synaptic plasticity by regulating the trafficking and internalization of AMPA receptors. May be regulated upon PRKCA activation. May regulate ASIC1/ASIC3 channel. Regulates actin polymerization by inhibiting the actin-nucleating activity of the Arp2/3 complex; the function is competitive with nucleation promoting factors and is linked to neuronal morphology regulation and AMPA receptor (AMPA) endocytosis. Via interaction with the Arp2/3 complex involved in regulation of synaptic plasticity of excitatory synapses and required for spine shrinkage during long-term depression (LTD). Involved in regulation of astrocyte morphology, antagonistic to Arp2/3 complex activator WASL/N-WASP function.</p>
Form	Liquid
Conjugate	HRP
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	PRKCA-binding protein (Protein interacting with C kinase 1) (Protein kinase C-alpha-binding protein), PICK1, PRKCABP
Species	Human
Research Area	Neuroscience
Target Names	PICK1