

PICK1 Rabbit mAb

Catalog # AP75911

Product Information

Application	WB, IP
Primary Accession	Q9NRD5
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46600

Additional Information

Gene ID	9463
Other Names	PICK1
Dilution	WB~~1/500-1/1000 IP~~N/A
Format	Liquid

Protein Information

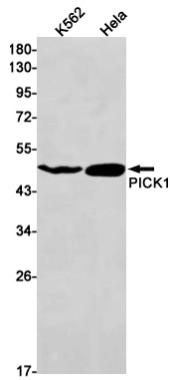
Name	PICK1
Synonyms	PRKCABP
Function	<p>Probable adapter protein that bind to and organize the subcellular localization of a variety of membrane proteins containing some PDZ recognition sequence. Involved in the clustering of various receptors, possibly by acting at the receptor internalization level. 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>
Cellular Location	Cytoplasm, perinuclear region {ECO:0000250 UniProtKB:Q9EP80}. Membrane {ECO:0000250 UniProtKB:Q9EP80}; Peripheral membrane protein {ECO:0000250 UniProtKB:Q9EP80}. Membrane {ECO:0000250 UniProtKB:Q62083}; Lipid-anchor {ECO:0000250 UniProtKB:Q62083}. Postsynaptic density

{ECO:0000250|UniProtKB:Q9EP80}. Synapse, synaptosome
{ECO:0000250|UniProtKB:Q9EP80}. Cytoplasm, cytoskeleton
{ECO:0000250|UniProtKB:Q9EP80}. Note=Also membrane-associated, present
at excitatory synapses. {ECO:0000250|UniProtKB:Q9EP80}

Tissue Location

Ubiquitous.

Images



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