

Datasheet for ABIN7164284

anti-PICK1 antibody (AA 1-200) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PICK1
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PICK1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human PRKCA-binding protein (1-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PICK1
Alternative Name:	PICK1 (PICK1 Products)
Background:	Background: 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

Target Details

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.

Aliases: dJ1039K5 antibody, MGC15204 antibody, OTTHUMP00000028509 antibody, PICK 1 antibody, Pick1 antibody, PICK1_HUMAN antibody, PRKCA binding protein antibody, PRKCA-binding protein antibody, PRKCABP antibody, Protein interacting with C kinase 1 antibody, Protein interacting with PRKCA antibody, Protein interacting with PRKCA 1 antibody, Protein kinase C alpha binding protein antibody, Protein kinase C-alpha-binding protein antibody, Protein that interacts with C kinase 1 antibody

UniProt: [Q9NRD5](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.