PICK1 Antibody

PACO31972

Product Information

Size:

50ug

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000, IHC:1:20-1:200

Protein 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 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 competetive with nucleation promoting factors and is linked to neuronal morphology regulation and AMPA receptor (AMPAR) endocytosis. Via interaction with the Arp2/3 complex involved in regulation of synaptic plasicity 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.

Gene ID:

PICK1

Uniprot

Q9NRD5

Synonyms:

PRKCA-binding protein (Protein interacting with C kinase 1) (Protein kinase C-alpha-binding protein), PICK1, PRKCABP

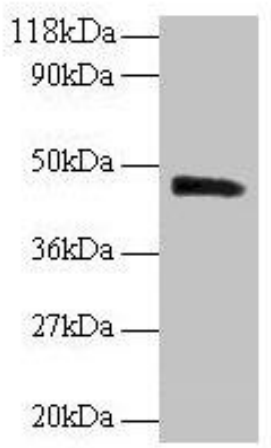
Immunogen:

Recombinant Human PRKCA-binding protein (1-200AA).

Storage:

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

Product Images



Western blot
All lanes: PICK1 antibody at 2µg/ml + Mouse brain tissue
Secondary
Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 47, 40 kDa
Observed band size: 47 kDa
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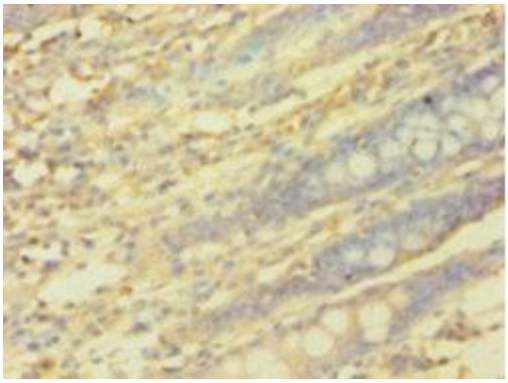
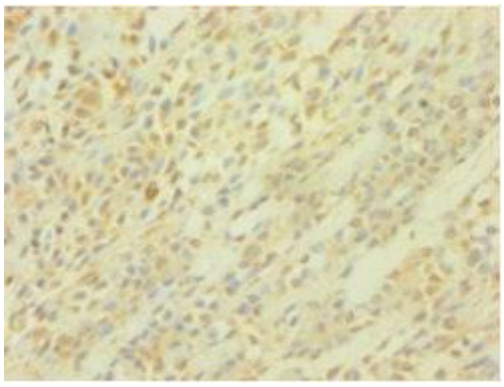


Immunohistochemistry of paraffin-embedded human colon tissue using PACO31972 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human breast cancer using PACO31972 at dilution of 1:100.

