

Rabbit anti-Human, mouse PICK1 Polyclonal Antibody | anti-PICK1 antibody

Rabbit anti-human PICK1 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230328	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA

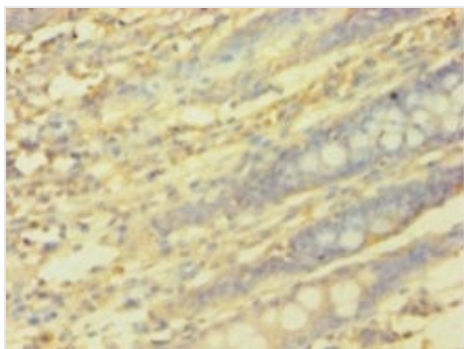
PRODUCT SYNONYMS

PICK1; Polyclonal Antibody; Rabbit anti-human PICK1 polyclonal Antibody; Protein interacting with C kinase 1; Protein kinase C-alpha-binding protein; PRKCABP; anti-PICK1 antibody

PRODUCT SPECIFICATIONS

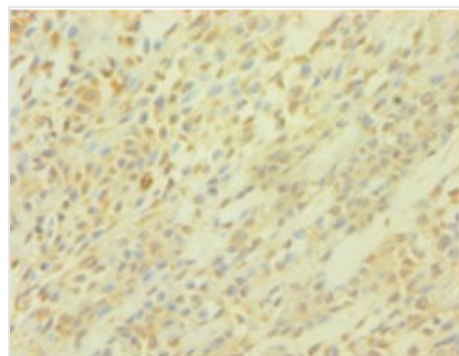
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	415
Applicable Applications for anti-PICK1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human PRKCA-binding protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9539 / sc-11410
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



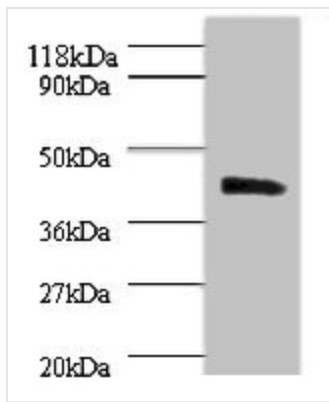
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectum tissue using AAA230328 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA230328 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: PICK1 antibody at 2ug/ml+mouse brain tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 47,40 kDaObserved band size: 47 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PICK1 antibody	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. This gene encodes a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, two hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this gene is an acid sensor and may play an important role in the detection of lasting pH changes. In addition, a heteromeric association between this member and ACCN1 has been observed as proton-gated channels sensitive to gadolinium. Alternative splicing of this gene generates three transcript variants encoding distinct isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	88758600
NCBI GeneID	9463
NCBI Accession #	NP_001034672.1
NCBI GenBank Nucleotide #	NM_001039583.1
UniProt Accession #	Q9NRD5; O95906; B3KS52
Molecular Weight	39,808 Da
NCBI Official Full Name	PRKCA-binding protein
NCBI Official Synonym Full Names	protein interacting with PRKCA 1
NCBI Official Symbol	PICK1
NCBI Official Synonym Symbols	PICK; PRKABP
NCBI Protein Information	PRKCA-binding protein
UniProt Protein Name	PRKCA-binding protein
UniProt Gene Name	PICK1

UniProt Synonym Gene Names	PRKCABP
UniProt Entry Name	PICK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pick1-antibody-immunohistochemistry-western-blot-elisa/230328>