

Rabbit PICK1 Monoclonal Antibody | anti-PICK1 antibody

PICK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312670	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

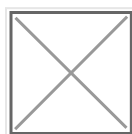
PRODUCT SYNONYMS

PICK1; Monoclonal Antibody; PICK1 Antibody; 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; anti-PICK1 antibody

PRODUCT SPECIFICATIONS

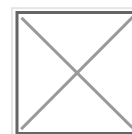
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG30-80
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PICK1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within N-terminal human PICK1.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 293T cells with PICK1 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of PICK1 on SK-Br-3 cell lysate using anti-PICK1 antibody at 1/5, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PICK1 antibody

Protein interacting with C kinase 1 (PICK1) is a PDZ-domain containing protein that is located in the perinuclear region and is phosphorylated in response to PKCalpha activation. PKCalpha, which is essential for the regulation of proliferation and differentiation in numerous cell types, contains within its catalytic region a PDZ-binding domain that is absent from other PKC isoforms. Mutation of the PICK1 PDZ domain inhibits the binding of PICK1 to PKCalpha. PICK1 also interacts with the carboxy terminus of α -amino-3-hydroxy-5-methyl-isoxazole-4-propionic acid (AMPA) receptor, a neurotransmitter receptor located at excitatory synapses, suggesting that PICK1 plays a role in the modulation of synaptic transmission by targeting and anchoring AMPA to specific synapses.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22095990
NCBI GeneID	9463
UniProt Accession #	Q9NRD5; O95906; B3KS52
Molecular Weight	415
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; PRKCABP
NCBI Protein Information	PRKCA-binding protein; protein interacting with C kinase 1; protein kinase C-alpha-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/pick1-antibody-clone-jg30-80-flow-cytometry-immunoprecipitation-western-blot-elisa/312670>