

Rabbit anti-Human PKCepsilon Monoclonal Antibody | anti-PRKCE antibody

PKCepsilon Rabbit mAb

CATALOG # AAA283024	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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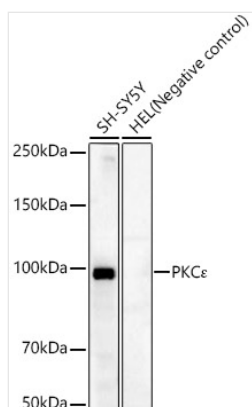
PRODUCT SYNONYMS

PKCepsilon; Monoclonal Antibody; PKCepsilon Rabbit mAb; PKCE; nPKC-epsilon; anti-PRKCE antibody

PRODUCT SPECIFICATIONS

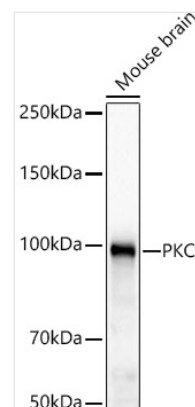
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	YVNGGDLMFQ IQRSRKFDEP RSRFYAAEVT SALMFLHQHG VIYRDLKLDN ILLDAEGHCK LADFGMCKEG ILNGVTTTTF CGTPDYIAPE ILQELEYGPS VDWWALGVLV YEMMAGQPPF EADNEDDLFE SILHDDVLYP VWLSKEAVSI LKAFMTKNPH KRLGCVASQN GEDAIKQHPF FKEIDWVLE QKKIKPPFKP RIKTKRDVNN FDQDFTREEP VLTIVDEAIV KQINQEEFKG FSYFGEDLMP
Applicable Applications for anti-PRKCE antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 488-737 of human PKCepsilon (NP_005391.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using PKCε Rabbit mAb (AAA283024) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of lysates from Mouse brain, using PKCε Rabbit mAb (AAA283024) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKCE antibody	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This kinase has been shown to be involved in many different cellular functions, such as neuron channel activation, apoptosis, cardioprotection from ischemia, heat shock response, as well as insulin exocytosis. Knockout studies in mice suggest that this kinase is important for lipopolysaccharide (LPS)-mediated signaling in activated macrophages and may also play a role in controlling anxiety-like behavior.
Product Categories/Family for anti-PRKCE antibody	Signal Transduction; G protein signaling; G-Protein-Coupled Receptors Signaling to MAPK Erk; Kinase; Serine threonine kinases; ErbB-HER Signaling Pathway; MAPK-Erk Signaling Pathway; Cell Biology Developmental Biology; Apoptosis; Mitochondrial Control of

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885563
NCBI GeneID	5581
NCBI Accession #	NP_005391.1
NCBI GenBank Nucleotide #	NM_005400.2
UniProt Accession #	Q02156; Q32MQ3; Q53SL4; Q53SM5; Q9UE81; B0LPH7
Molecular Weight	Calculated MW: 84kDa Observed MW: 90kDa
UniProt Protein Name	Protein kinase C epsilon type
UniProt Gene Name	PRKCE
UniProt Synonym Gene Names	PKCE
UniProt Entry Name	KPCE_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://www.aaabiotech.com/monoclonal/pkcepsilon-antibody-western-blot-elisa/283024>