

Rabbit anti-Human PKC-eta Polyclonal Antibody | anti-PKC-eta antibody

Rabbit anti-PKC-eta Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212562	Rabbit	Human	Immunoprecipitation, Western Blot

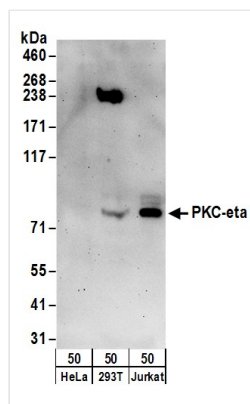
PRODUCT SYNONYMS

PKC-eta; Polyclonal Antibody; Rabbit anti-PKC-eta Antibody; Affinity Purified; PKCL; PKC-L; PRKCL; protein kinase C eta type; nPKC-eta; Protein kinase C eta type; protein kinase C eta; anti-PKC-eta antibody

PRODUCT SPECIFICATIONS

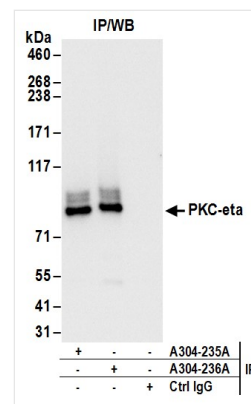
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PKC-eta antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 633 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PKC-eta by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-PKC-eta antibody AAA212562 (lot AAA212562-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PKC-eta by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-PKC-eta antibody AAA212562 (lot AAA212562-1) used for IP at 6 ug/mg lysate. PKC-eta was also immunoprecipitated by rabbit anti-PKC-eta antibody For blotting immunoprecipitated PKC-eta, AAA212562 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PKC-eta 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. PKC-eta is one of the PKC family members. It is a calcium-independent and phospholipids-dependent protein kinase. It is predominantly expressed in epithelial tissues and has been shown to reside specifically in the cell nucleus. PKC-eta can regulate keratinocyte differentiation by activating the MAP kinase MAPK13 (p38delta)-activated protein kinase cascade that targets CCAAT/enhancer-binding protein alpha (CEBPA). It is also found to mediate the transcription activation of the transglutaminase 1 (TGM1) gene [taken from NCBI Entrez Gene (Gene ID: 5583)].
Product Categories/Family for anti-PKC-eta antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	28557781
NCBI GeneID	5583
NCBI Accession #	NP_006246.2
NCBI GenBank Nucleotide #	NM_006255.4
UniProt Accession #	P24723; Q16246; Q8NE03; B4DJN5
Molecular Weight	59,521 Da
NCBI Official Full Name	protein kinase C eta type
NCBI Official Synonym Full Names	protein kinase C eta
NCBI Official Symbol	PRKCH
NCBI Official Synonym Symbols	PKCL; PKC-L; PRKCL; nPKC-eta
NCBI Protein Information	protein kinase C eta type
UniProt Protein Name	Protein kinase C eta type
UniProt Gene Name	PRKCH
UniProt Synonym Gene Names	PKCL; PRKCL
UniProt Entry Name	KPCL_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/polyclonal/pkc-eta-antibody-immunoprecipitation-western-blot-elisa/212562>