Rabbit PKC iota/zeta Polyclonal Antibody | anti-PKCiota/zeta antibody

Rabbit anti-PKC iota/zeta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224006	**Rabbit**	**Human, Mouse, Rat, Dog, Rabbit, Zebrafish**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

PKC iota/zeta; Polyclonal Antibody; Rabbit anti-PKC iota/zeta Antibody; DXS1179E; Protein kinase C iota type; Atypical protein kinase C-lambda/iota; PRKC-lambda/iota; aPKC-lambda/iota; nPKC-iota; PKC2; Protein kinase C zeta type; nPKC-zeta; anti-PKCiota/zeta antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PKCiota/zeta antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PKC iota/zeta. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

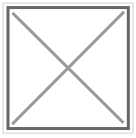
IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of PKC iota/zeta staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of PKC iota/zeta staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of PKC iota/zeta expression in MCF7 (A), NIH3T3 (B), mouse kidney (C), rat kidney (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PKCiota/zeta antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	239938658
NCBI GeneID	5584
UniProt Accession #	P41743; Q05513; Q62074; Q02956; F1M7Y5; P09217
Molecular Weight	68,262 Da
NCBI Official Full Name	Protein kinase C iota type
NCBI Official Synonym Full Names	protein kinase C, iota
NCBI Official Symbol	PRKCI
NCBI Official Synonym Symbols	PKCI; DXS1179E; nPKC-iota
NCBI Protein Information	protein kinase C iota type; PRKC-lambda/iota; aPKC-lambda/iota; atypical protein kinase C-lambda/iota
UniProt Protein Name	Protein kinase C iota type
UniProt Gene Name	**PRKCI**
UniProt Synonym Gene Names	DXS1179E; PRKC-lambda/iota
UniProt Entry Name	KPCI_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-iota-zeta-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/224006