

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

Anti-PKC iota/zeta (pT412/410) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA291119	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

PKC iota/zeta; Polyclonal Antibody; Anti-PKC iota/zeta (pT412/410) 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

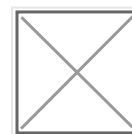
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-PKCiota/zeta antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



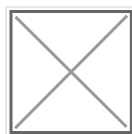
IF (Immunofluorescence)

Dilution: IF: 1/50 - 1/200 Immunofluorescent analysis of PKC iota/zeta (pT412/410) staining in MCF7 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 degree 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 (Immunohistochemistry)

Dilution: IH 1/50 - 1/200 Immunohistochemical analysis of PKC iota/zeta (pT412/410) 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)

Dilution: WB 1/500 - 1/1000 Western blot analysis of PKC iota/zeta (pT412/410) expression in Hela (A), mouse lung (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PKCiota/zeta antibody	Rabbit polyclonal antibody to PKC iota/zeta (pT412/410)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	239938658
NCBI GeneID	5584

UniProt Accession #	P41743 ; Q8WW06 ; D3DNQ4
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pkc-iota-zeta-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/291119>