

Rabbit Protein Kinase C Iota Polyclonal Antibody | anti-PKCi antibody

Protein Kinase C Iota (PKCi) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21029	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Protein Kinase C Iota; Polyclonal Antibody; Protein Kinase C Iota (PKCi) Polyclonal Antibody; PKC-I; PRKCI; PRKC-I; NPKC-Iota; Atypical protein kinase C-lambda/iota; anti-PKCi antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PKCi. It has been selected for its ability to recognize PKCi in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	587
Applicable Applications for anti-PKCi antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western Blot: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	PKCi (Ile375~Val596)
Quality Control	Content: The quality control contains recombinant PKCi (Ile375~Val596) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Lung Cancer Tissue



IHC (Immunohistochemistry)
FITC staining on IHC-P Simple: MCF7 cells



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Breast Cancer Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Pancreas Cancer Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant PKCi, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	133908623
NCBI GeneID	5584
NCBI Accession #	NP_002731.4
NCBI GenBank Nucleotide #	NM_002740.5
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
UniProt Protein Name	Protein kinase C iota type
UniProt Gene Name	PRKCI
UniProt Synonym Gene Names	DXS1179E; PRKC-lambda/iota; aPKC-lambda/iota

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/protein-kinase-c-iota-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/21029>