

PKC alpha Antibody | anti-PKC alpha antibody

PKC alpha (Phospho-Thr638) Antibody

CATALOG # AAA267492	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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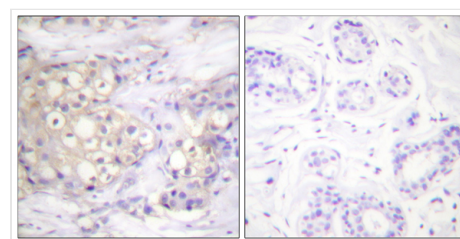
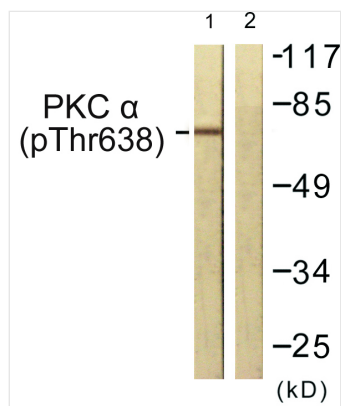
PRODUCT SYNONYMS

PKC alpha; PKC alpha (Phospho-Thr638) Antibody; EC 2.7.11.13; KPCA; PKC III; PKC-A; PKC-III; PKC-alpha; PRKACA; PRKCA; Protein kinase C; alpha type; kinase PKC-alpha; anti-PKC alpha antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PKC alpha (Phospho-Thr638) antibody detects endogenous levels of PKC alpha only when phosphorylated at threonine 638.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	672
Applicable Applications for anti-PKC alpha antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKC alpha/beta2 around the phosphorylation site of threonine 638 (V-L-TP-P-P).
All Sites	Human: Thr638 Mouse: Thr638 Rat: Thr638
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PKC alpha (Phospho-Thr638) antibody. Western blot analysis of extracts from NIH/3T3 cells, treated with UV (15mins), using PKC alpha (Phospho-Thr638) antibody.

ADDITIONAL INFORMATION

References	Maria Nikodemova, J. Biol. Chem., May 2007; 282: 15208-15216. Pedro J. Cejas, J. Biol. Chem., Aug 2005; 280: 28412-28423. Dan Chen, J. Biol. Chem., Feb 2004; 279: 4829-4839. Nicole R. Murray, J. Cell Biol., May 1999; 145: 699.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506067
NCBI GeneID	5578
NCBI Accession #	NP_002728.1
NCBI GenBank Nucleotide #	NM_002737.2
UniProt Accession #	P17252; Q15137; Q32M72; Q96RE4; B5BU22
Molecular Weight	76,750 Da
NCBI Official Full Name	protein kinase C alpha type
NCBI Official Synonym Full Names	protein kinase C alpha
NCBI Official Symbol	PRKCA
NCBI Official Synonym Symbols	AAG6; PKCA; PRKACA; PKC-alpha
NCBI Protein Information	protein kinase C alpha type
UniProt Protein Name	Protein kinase C alpha type
UniProt Gene Name	PRKCA
UniProt Synonym Gene Names	PKCA; PRKACA; PKC-A; PKC-alpha

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/human-mouse-rat-antibody/pkc-alpha/267492>