

PKC-pan Antibody | anti-PKC-pan antibody

PKC-pan (Phospho-Thr497) Antibody

CATALOG # AAA267512	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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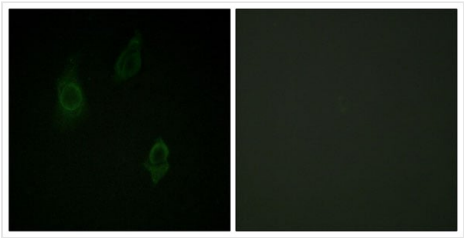
PRODUCT SYNONYMS

PKC-pan; PKC-pan (Phospho-Thr497) 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; PKC-delta; PRKCD; kinase PKC-delta; nPKC-delta; PKC-epsilon; PKCEA; PRKCE; epsilon type; kinase PKC-epsilon; nPKC-epsilon; anti-PKC-pan antibody

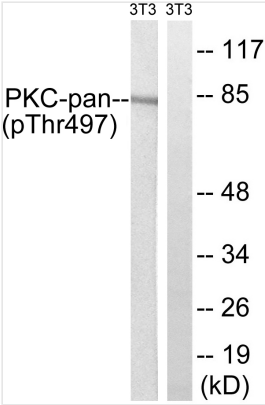
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PKC-pan (Phospho-Thr497) antibody detects endogenous levels of PKC-pan only when phosphorylated at threonine 497.
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-pan antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKC-pan around the phosphorylation site of threonine 497 (T-S-TP-F-C).
All Sites	Human: Thr497 Mouse: Thr497 Rat: Thr497
Preparation and Storage	Store at -20 degree C for 1 year.

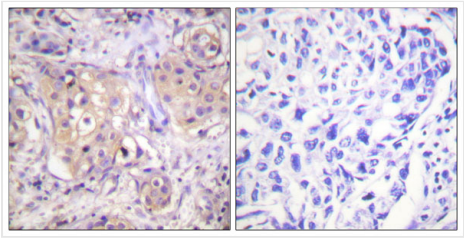
IMAGES



IF (Immunofluorescence)
P-peptide-+ Immunofluorescence analysis of HepG2 cells, using PKC-pan (Phospho-Thr497) antibody.



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PKC-pan (Phospho-Thr497) antibody. Western blot analysis of extracts from NIH/3T3 cells, treated with PMA (250ng/ml, 15mins), using PKC-pan (Phospho-Thr497) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

References	Gevaert K., Nat. Biotechnol. 21:566-569(2003). Wissing J., Mol. Cell. Proteomics 6:537-547(2007). Beausoleil S.A., Proc. Natl. Acad. Sci. U.S.A. 101:12130-12135(2004). Hillier L.W., Nature 434:724-731(2005).
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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://stage.aaabiotech.com/human-mouse-rat-antibody/pkc-pan/267512>