

PKCbeta Antibody | anti-PKCbeta antibody

PKCbeta (Phospho-Thr641) Antibody

CATALOG # AAA110941	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	--	---

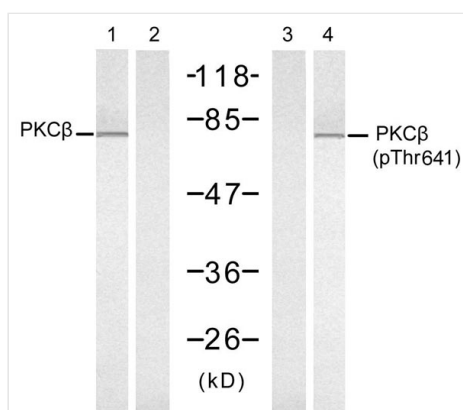
PRODUCT SYNONYMS

PKCbeta; PKCbeta (Phospho-Thr641) Antibody; anti-PKCbeta antibody

PRODUCT SPECIFICATIONS

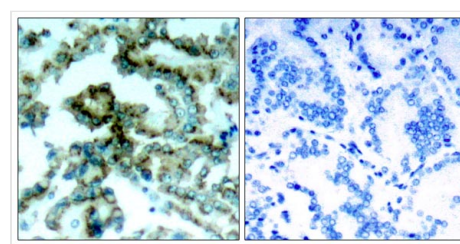
Reactivity	Human, Mouse, Rat
Specificity	PKCbeta (phospho-Thr641) antibody detects endogenous levels of PKCbeta only when phosphorylated at threonine 641.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	673
Applicable Applications for anti-PKCbeta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKCbeta around the phosphorylation site of threonine 641 (E-L-TP-P-T).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells, untreated or treated with PMA (1ng/ml, 10min), using PKCbeta (Ab-641) antibody and PKCbeta (phospho-Thr641) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using PKCbeta (phospho-Thr641) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PKCbeta antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
---	---

References	Zhang Y, et al. (2006) Mol Cell Biol; 26: 6748-6761 Castoria G, et al. (2004) Mol Cell Biol; 24: 7643-7653 Marcil J, et al. (1999) Biochem J; 337:185-192 Bornancin F, et al. (1996) Curr Biol; 6:1114-1123.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127450
NCBI GeneID	5579
NCBI Accession #	NP_002729.2
NCBI GenBank Nucleotide #	NM_002738.6
UniProt Accession #	P05771; O43744; P05127; Q15138; Q93060; Q9UE49; Q9UE50; Q9UEH8; Q9UJ30; Q9UJ33; C5IFJ8; D3DWF5
Molecular Weight	77,012 Da
NCBI Official Full Name	protein kinase C beta type isoform 2
NCBI Official Synonym Full Names	protein kinase C beta
NCBI Official Symbol	PRKCB
NCBI Official Synonym Symbols	PKCB; PRKCB1; PRKCB2; PKC-beta
NCBI Protein Information	protein kinase C beta type
UniProt Protein Name	Protein kinase C beta type
UniProt Gene Name	PRKCB
UniProt Synonym Gene Names	PKCB; PRKCB1; PKC-B; PKC-beta

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/human-mouse-rat-antibody/pkcbeta/110941>