

Rabbit anti-Human, Mouse PKC theta Antibody | anti-PKC theta antibody

PKC theta (Phospho-Thr538) Antibody

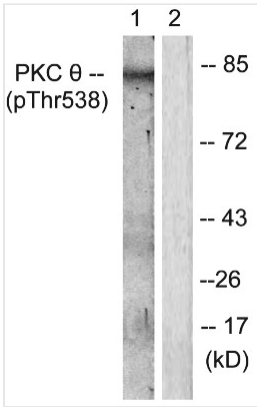
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266638	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

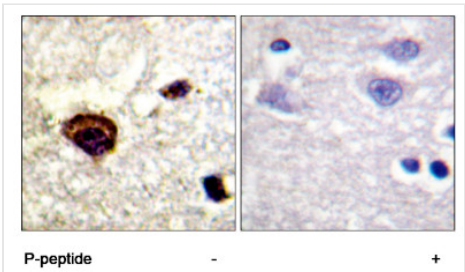
PKC theta; PKC theta (Phospho-Thr538) Antibody; EC 2.7.11.13; KPCT; PKC-theta; PKCQ; PRKCQ; PRKCT; Protein kinase C; theta type; kinase PKC-theta; nPKC-theta; anti-PKC theta antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Isotype	IgG
Specificity	PKC theta (Phospho-Thr538) antibody detects endogenous levels of PKC theta only when phosphorylated at threonine 538.
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.
Concentration	1mg/mL (varies by lot)
Sequence Length	643
Applicable Applications for anti-PKC theta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKC theta around the phosphorylation site of threonine 538 (T-N-TP-F-C).
All Sites	Human: Thr538 Mouse: Thr538
Preparation and Storage	Store at -20°C for 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using PKC theta (Phospho-Thr538) antibody. Western blot analysis of extracts from Jurkat cells, using PKC theta (Phospho-Thr538) antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using PKC 0 (Phospho-Thr538) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PKC theta antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Baier G., J. Biol. Chem. 268:4997-5004(1993). Deloukas P., Nature 429:375-381(2004). Wissing J., Mol. Cell. Proteomics 6:537-547(2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	334848126
NCBI GeneID	5588
NCBI Accession #	NP_001229342.1
NCBI GenBank Nucleotide #	NM_001242413.2
UniProt Accession #	Q04759; Q14DH6; Q3MJF1; Q64FY5; Q9H508; Q9H549; B4DF52
NCBI Official Full Name	protein kinase C theta type isoform 2
NCBI Official Synonym Full Names	protein kinase C theta
NCBI Official Symbol	PRKCQ
NCBI Official Synonym Symbols	PRKCT; nPKC-theta
NCBI Protein Information	protein kinase C theta type
UniProt Protein Name	Protein kinase C theta type
UniProt Gene Name	PRKCQ
UniProt Synonym Gene Names	PRKCT

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.