

Rabbit PKC theta Polyclonal Antibody | anti-PKCtheta antibody

Anti-PKC theta (pT538) Antibody

CATALOG # AAA269704	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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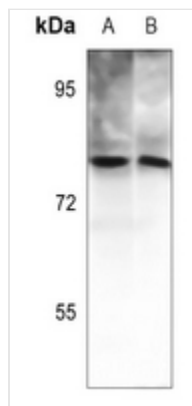
PRODUCT SYNONYMS

PKC theta; Polyclonal Antibody; Anti-PKC theta (pT538) Antibody; PRKCT; Protein kinase C theta type; nPKC-theta; anti-PKCtheta antibody

PRODUCT SPECIFICATIONS

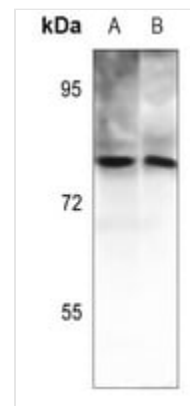
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-PKCtheta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PKC theta with a phosphorylation site at T538. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of PKC theta (pT538) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PKC theta (pT538) expression in mouse muscle (A), rat muscle (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PKCtheta antibody	Rabbit polyclonal antibody to PKC theta (pT538)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334848126
NCBI GeneID	5588
NCBI Accession #	NP_001229342.1
NCBI GenBank Nucleotide #	NM_001242413.1
UniProt Accession #	Q04759; Q14DH6; Q3MJF1; Q64FY5; Q9H508; Q9H549
Molecular Weight	81,865 Da
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
UniProt Entry Name	KPCT_HUMAN

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.