

## Anti-Phospho-PRKCA-Thr638 antibody (580-660) (STJ90863)

STJ90863

### GENERAL INFORMATION

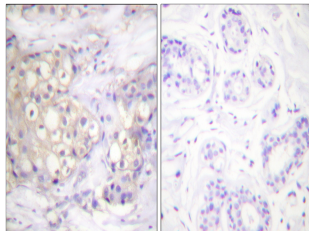
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-Protein Kinase C Alpha Type-Thr638 (580-660) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF-P, ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

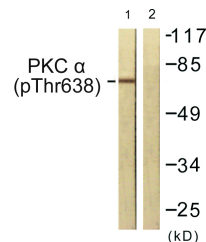
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:20000
<b>Formulation</b>	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

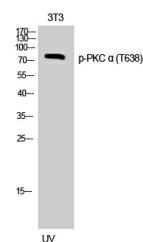
<b>Gene ID</b>	5578
<b>Gene Symbol</b>	PRKCA
<b>Uniprot ID</b>	KPCA_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PKC alpha around the phosphorylation site of Thr638 at amino acid range 606-655
<b>Immunogen Region</b>	580-660
<b>Specificity</b>	Phospho-PRKCA-Thr638 polyclonal antibody (Protein Kinase C Alpha Type) binds to endogenous Protein Kinase C Alpha Type at the amino acid region 580-660 only when phosphorylated at Thr638.
<b>Immunogen Sequence</b>	



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using PKC alpha (Phospho-Thr638) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells treated with UV 15', using PKC alpha (Phospho-Thr638) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of 3T3 cells using Phospho-PKC Alpha (T638) Polyclonal Antibody

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081