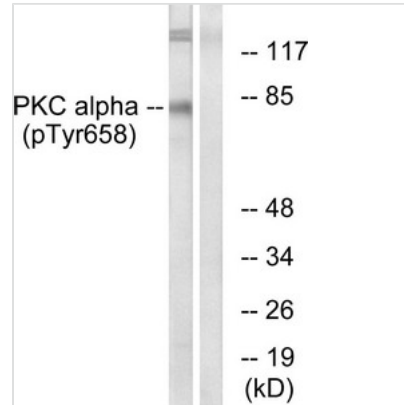




Phospho-PRKCA (Tyr658) Antibody

Product Code	CSB-PA060190
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P17252
Immunogen	Peptide sequence around phosphorylation site of tyrosine 658(F-S-Y(p)-V-N) derived from Human PKC α .
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of PKC α only when phosphorylated at tyrosine 658.
Tested Applications	ELISA,WB;WB:1:500-1:1000
Relevance	Calcium-activated, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase that is involved in positive and negative regulation of cell proliferation, apoptosis, differentiation, migration and adhesion, tumorigenesis, cardiac hypertrophy, angiogenesis, platelet function and inflammation, by directly phosphorylating targets such as RAF1, BCL2, CSPG4, TNNT2/CTNT, or activating signaling cascade involving MAPK1/3 (ERK1/2) and RAP1GAP. Involved in cell proliferation and cell growth arrest by positive and negative regulation of the cell cycle. Can promote cell growth by phosphorylating and activating RAF1, which mediates the activation of the MAPK/ERK signaling cascade, and/or by up-regulating CDKN1A, which facilitates active cyclin-dependent kinase (CDK) complex formation in glioma cells.Finkenzeller G., Nucleic Acids Res. 18:2183-2183(1990).McSwine-Kennick R.L., J. Biol. Chem. 266:15135-15143(1991).Gevaert K., Nat. Biotechnol. 21:566-569(2003)
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy use
Clonality	Polyclonal
Alias	PKC-alpha; KPCA; PKC III; PKC-A;
Product Type	Polyclonal Antibody
Immunogen Species	Homo sapiens (Human)
Target Names	PRKCA
Image	



Western blot analysis of extracts from COLO205 cells using PKC α (Phospho-Tyr658) Antibody. The lane on the right is treated with the antigen-specific peptide.

Product Modify

Phospho-Tyr658