

Anti-Phospho-CAMK1-Thr177 antibody (120-200) (STJ91073)

STJ91073

GENERAL INFORMATION

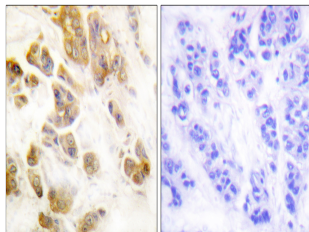
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Calcium/Calmodulin-Dependent Protein Kinase Type 1-Thr177 (120-200) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

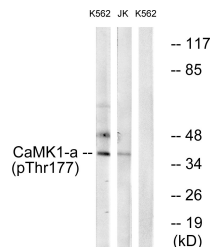
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:5000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

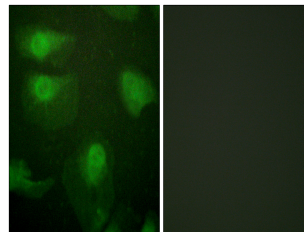
Gene ID	8536
Gene Symbol	CAMK1
Uniprot ID	KCC1A_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human CaMK1-alpha around the phosphorylation site of Thr177 at amino acid range 143-192
Immunogen Region	120-200
Specificity	Phospho-CAMK1-Thr177 polyclonal antibody (Calcium/Calmodulin-Dependent Protein Kinase Type 1) binds to endogenous Calcium/Calmodulin-Dependent Protein Kinase Type 1 at the amino acid region 120-200 only when phosphorylated at Thr177.
Immunogen Sequence	



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using CaMK1-alpha (Phospho-Thr177) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from K562 cells treated with insulin 0.01 U/ml 15' and Jurkat cells treated with insulin 0.01 U/ml 15', using CaMK1-alpha (Phospho-Thr177) Antibody. The lane on the right is blocked with the phospho peptide.



Immunofluorescence analysis of HeLa cells, using CaMK1-alpha (Phospho-Thr177) Antibody. The picture on the right is blocked with the phospho peptide.

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.
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