

Datasheet for ABIN6281090
anti-CAMK1 antibody (pThr177)



[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	CAMK1
Binding Specificity:	AA 120-200, pThr177
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal to Phospho-CaMKIα (T177).
Immunogen:	Synthesized peptide derived from human CaMKIα around the phosphorylation site of T177.
Isotype:	IgG
Specificity:	Phospho-CaMKIα (T177) Polyclonal Antibody detects endogenous levels of CaMKIα protein only when phosphorylated at T177.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	CAMK1
---------	-------

Target Details

Alternative Name:	CaMKIalpha (CAMK1 Products)
Molecular Weight:	41 kDa
Gene ID:	8536
UniProt:	Q14012
Pathways:	Myometrial Relaxation and Contraction , Regulation of Muscle Cell Differentiation , Smooth Muscle Cell Migration

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:5000
Comment:	Widely expressed. Expressed in cells of the zona glomerulosa of the adrenal cortex.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.