

## Antibodies Product Datasheet

<b>Product Name:</b>	CaMKI $\alpha$ (Phospho-Thr177) Antibody
<b>Catalog Number:</b>	A0830
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB, IHC-p, IF/ICC, ELISA
<b>Dilutions:</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Modification:</b>	Phospho Specific
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human CaMK1-alpha around the phosphorylation site of Thr177. AA range:143-192
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	CAMK1
<b>Protein Name:</b>	Calcium/calmodulin-dependent protein kinase type 1
<b>Other Name:</b>	CAMK1; Calcium/calmodulin-dependent protein kinase type 1; CaM kinase I; CaM-KI; CaM kinase I alpha; CaMKI-alpha
<b>Human Swiss Prot No.:</b>	Q14012
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	Phospho-CaMKI $\alpha$ (T177) Polyclonal Antibody detects endogenous levels of CaMKI $\alpha$ protein only when phosphorylated at T177.
<b>Storage and Stability:</b>	-20°C/1 year