

## Anti-Phospho-CAMK1 (Thr177) Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 41 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications

Application:	ELISA,ICC/IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ICC/IF: 1:200-1000; ELISA: 1:5000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human CaMK1-alpha around the phosphorylation site of Thr177. AA range:143-192
Antigen Species:	human
Uniprot ID:	Q14012
Synonyms:	CAMK1 (p-Thr177);CAMK1 (p-T177);p-CAMK1 (Thr177);p-CAMK1 (T177)

### Research Background

calcium/calmodulin dependent protein kinase I(CAMK1) Homo sapiens Calcium/calmodulin-dependent protein kinase I is expressed in many tissues and is a component of a calmodulin-dependent protein kinase cascade. Calcium/calmodulin directly activates calcium/calmodulin-dependent protein kinase I by binding to the enzyme and indirectly promotes the phosphorylation and synergistic activation of the enzyme by calcium/calmodulin-dependent protein kinase I kinase. [provided by RefSeq, Jul 2008],

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