



CAMK1 Polyclonal Antibody

Cat. No.: NHP-AB315

This product is for research use only and is not intended for diagnostic use.

This product is an antibody that was generated by immunizing rabbit against a KLH conjugated synthetic peptide between 341-370 amino acids from the C-terminal region of human CAMK1. It is used only in *in vitro* assays.

Detailed Product Description

Introduction	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.
Conjugate	None
Applications	IHC-P; WB

Technical Specifications

Host Species	Rabbit
Species Reactivity	Human; Monkey; Mouse; Rat
Immunogen	A KLH conjugated synthetic peptide between 341-370 amino acids from the C-terminal region of human CAMK1

Product Property

Purification	Saturated Ammonium Sulfate (SAS) precipitation
Format	Liquid
Buffer	Supplied in PBS with 0.09% (W/V) sodium azide
Storage	Short term: 4°C. Long term: Store at -20°C.

Target Information

Clonality	Polyclonal
Alternative Names	Calcium/calmodulin-dependent protein kinase type 1; CaM kinase I; CaM kinase I alpha; CaM-KI; CAMK1-PEN; CaMKI-alpha; G alpha interacting protein; MGC120317; MGC120318; regulator of G-protein signalling 19
Entrez Gene ID	8536