

KO Validated Anti-CAMK1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

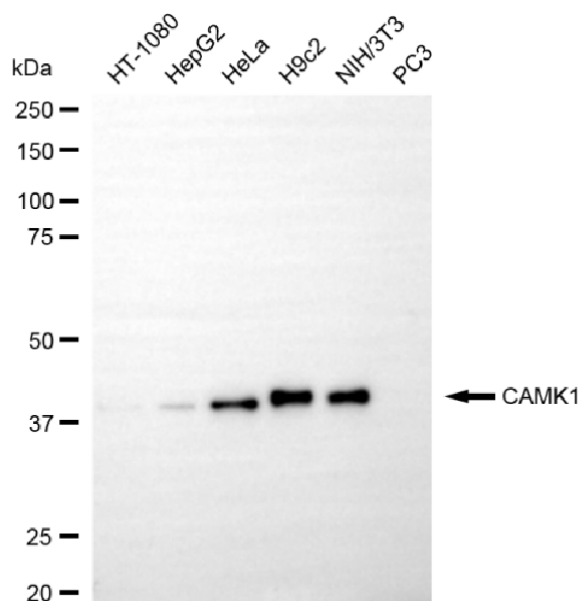
ABG2414

Product Overview

Name	KO Validated Anti-CAMK1 Rabbit Monoclonal Antibody
Accession(Primary)	Q14012
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CaMKI
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 41 kDa, observed, 41 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

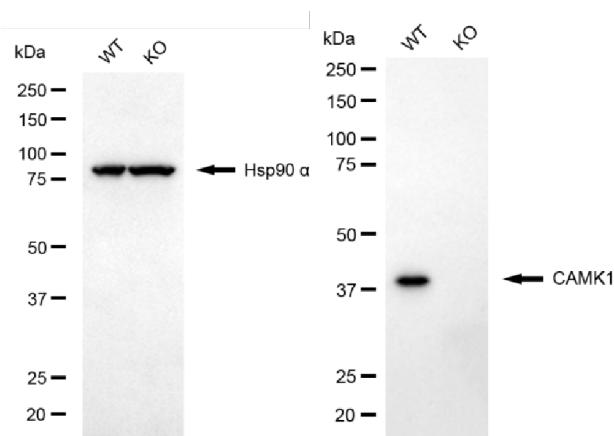
Target information (Q14012)

Gene Name	CAMK1
About Gene Symbol	CAMK1 (Calcium/Calmodulin Dependent Protein Kinase I 2) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



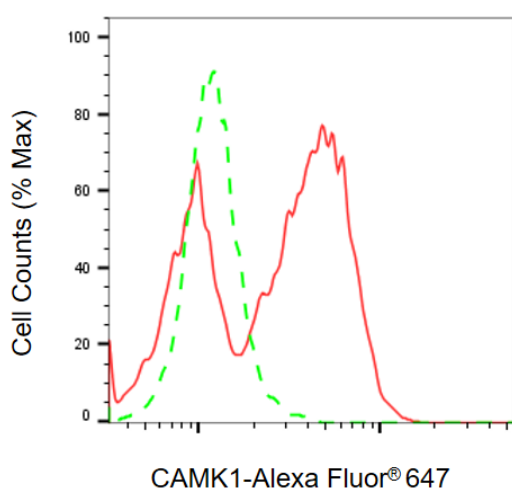
Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-CAMK1 antibody (Cat#ABG2414). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CAMK1 antibody (Cat#ABG2414, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-CAMK1 antibody (Cat#ABG2414). CAMK1 expression in wild-type (WT) and CAMK1 knockout (KO) 293T cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CAMK1 antibody (Cat#ABG2414, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Copyright ©2025 Genuin Biotechnologies LLC

Flow cytometric analysis of CAMK1 expression in HeLa cells using anti-CAMK1 antibody (Cat#ABG2414, 1:2,000). Green, isotype control; red, CAMK1.