

Anti-CaMKII beta/gamma Antibody (6D546)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	6D546
Purification:	Affinity-chromatography

Applications

Verified Activity:	Western blot analysis of CaMKII expression in HeLa cell lysate.
Application:	FCM,ICC/IF,IHC,IHC-Fr,WB
Recommended	FCM: 1:20-1:100; ICC/IF: 1:50-1:200; IHC: 1:100-1:200; IHC-Fr: 1:50-1:200; WB: 1:1000-1:2000

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 peptide: human CaMKII beta
Synonyms:	CAMK2D;CAMK2;Camk2a;CAMK2G;CAMK2B;CAMKA

Research Background

CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. Member of the NMDAR signaling complex in excitatory synapses it may regulate NMDAR-dependent potentiation of the AMPAR and synaptic plasticity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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