9853 Pacific Heights Blvd.
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10-6556: Mouse Monoclonal Antibody to CAMKK2 (Clone: 239CT7.5.3)(Discontinued)

Clonality :	Monoclonal
Clone Name :	239CT7.5.3
Application :	WB
Reactivity :	Human,Mouse
Gene :	CAMKK2
Gene ID :	10645
Uniprot ID :	Q96RR4
Format :	Purified
Alternative Name :	Calcium/calmodulin-dependent protein kinase kinase 2, CaM-KK 2, CaM-kinase kinase 2, CaMKK 2, Calcium/calmodulin-dependent protein kinase kinase beta, CaM-KK beta, CaM-kinase kinase beta, CaMKK beta, CAMKK2, CAMKKB, KIAA0787
Isotype :	Mouse IgM,Kappa
Immunogen Information :	Recombinant Protein

Description

The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade by phosphorylating the downstream kinases CaMK1 and CaMK4. Seven transcript variants encoding six distinct isoforms have been identified for this gene. Additional splice variants have been described but their full-length nature has not been determined. The identified isoforms exhibit a distinct ability to undergo autophosphorylation and to phosphorylate the downstream kinases.

Product Info

Amount :	80 µl / 400 µl
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:100~250

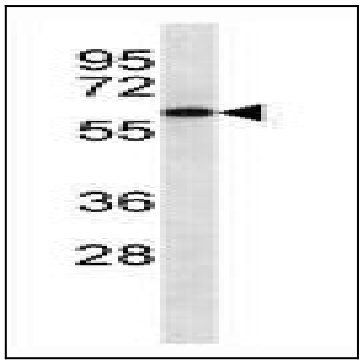

Figure 1: Western blot analysis of CAMKK2 antibody (10-6556) in Jurkat cell line lysates (35Î¼g/lane). This demonstrates the CAMKK2 antibody detected the CAMKK2 protein.

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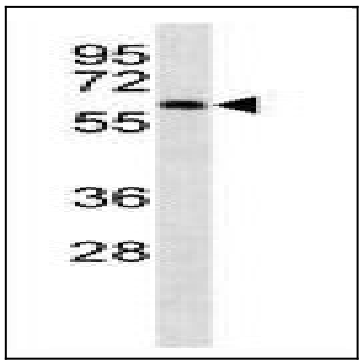

Figure 2: Western blot analysis of CAMKK2 antibody (10-6556) in mouse cerebellum tissue lysates (35Î¼g/lane). This demonstrates the CAMKK2 antibody detected the CAMKK2 protein.