

CAMK4 Monoclonal Antibody

Catalog No: #27103

Package Size: #27103-1 50ul #27103-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

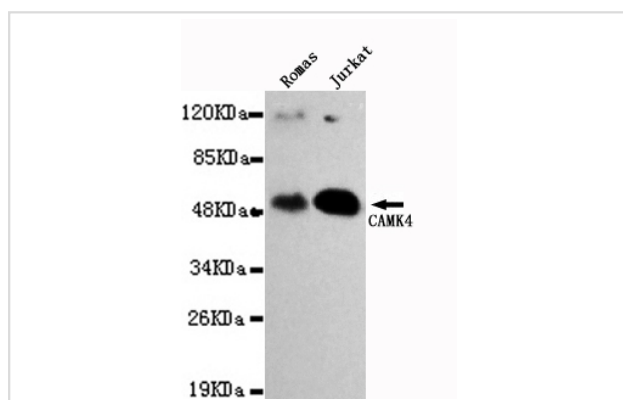
Product Name	CAMK4 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	3C10-D5-G7
Isotype	IgG2a
Purification	Affinity purified
Applications	ELISA WB
Species Reactivity	Hu D C Rt Ms P
Immunogen Type	Recombinant protein
Immunogen Description	Purified recombinant human CAMK4 protein fragments expressed in E.coli.
Conjugates	Unconjugated
Target Name	CAMK4
Other Names	IV, caMK, CaMK IV, CaMK-GR
Accession No.	Swiss-Prot:O00560Gene ID:6386
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Application Details

Predicted MW: 55kd

Western blotting: 1:1000

Images



Western blot detection of CAMK4 in Romas&Jurkat cell lysates using CAMK4 antibody (1:1000 diluted).
Predicted band size:52KDa.
Observed band size:55KDa

Background

The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca²⁺/calmodulin-dependent protein kinase subfamily. Calcium/calmodulin-dependent protein kinase that operates in the calcium-triggered CaMKK-CaMK4 signaling cascade and regulates, mainly by

phosphorylation, the activity of several transcription activators, such as CREB1, MEF2D, JUN and RORA.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.