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anti-Calmodulin 3 antibody



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Quantity:	100 μg
Target:	Calmodulin 3 (CALM3)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Calmodulin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA
Product Details	
Immunogen:	calmodulin 3(phosphorylase kinase, delta)
Isotype:	IgG
Purification:	Immunogen affinity purified

Target Details

Purity:

Target:	Calmodulin 3 (CALM3)	
Alternative Name:	CALM3 (CALM3 Products)	
Background:	Synonyms:CALML2, CAM3, CAMC, CAMIII Background:Calmodulin mediates the control of a	
	large number of enzymes, ion channels, aquaporins and other proteins by Ca(2+). Among the	
	enzymes to be stimulated by the calmodulin-Ca(2+) complex are a number of protein kinases	
	and phosphatases. Together with CCP110 and centrin, is involved in a genetic pathway that	

≥95 % as determined by SDS-PAGE

Target Details

Molecular Weight:	17 kDa
Gene ID:	808
UniProt:	P62158
Pathways:	RTK Signaling, Interferon-gamma Pathway, Fc-epsilon Receptor Signaling Pathway, cAMP
	Metabolic Process, Myometrial Relaxation and Contraction, Cellular Glucan Metabolic Process,
	Regulation of G-Protein Coupled Receptor Protein Signaling, G-protein mediated Events,
	Signaling Events mediated by VEGFR1 and VEGFR2, Interaction of EGFR with phospholipase C-
	gamma, Phototransduction, Negative Regulation of Transporter Activity, VEGFR1 Specific
	Signals, BCR Signaling
	Regulation of G-Protein Coupled Receptor Protein Signaling, G-protein mediated Events, Signaling Events mediated by VEGFR1 and VEGFR2, Interaction of EGFR with phospholipase C- gamma, Phototransduction, Negative Regulation of Transporter Activity, VEGFR1 Specific

regulates the centrosome cycle and progression through cytokinesis.

Application Details

Application Notes:	WB: 1:500-1:2000, IHC: 1:20-1:200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)	
Expiry Date:	12 months	