

Product Name: Calmodulin Rabbit Monoclonal Antibody**Catalog #: AMRe83721**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.53mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
Molecular Weight	17 kDa

Antigen Information

Gene Name	Calmodulin
Alternative Names	CALM; CALM1; CALM2; CALM3; CAM; CAM1; CAM2; CAM3; CAMB; CAMC;;Calmodulin 1
Gene ID	
SwissProt ID	P62158
Immunogen	A synthesized peptide derived from human Calmodulin 1

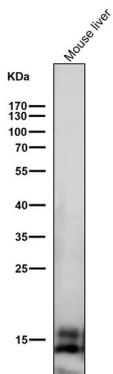
Background

Calmodulin acts as part of a calcium signal transduction pathway by mediating the control of a large number of enzymes, ion

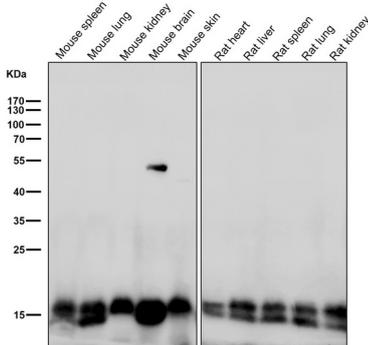
channels, aquaporins and other proteins through calcium-binding. Calcium-binding is required for the activation of calmodulin.

Research Area

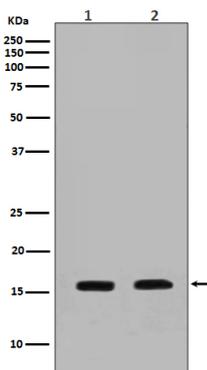
Image Data



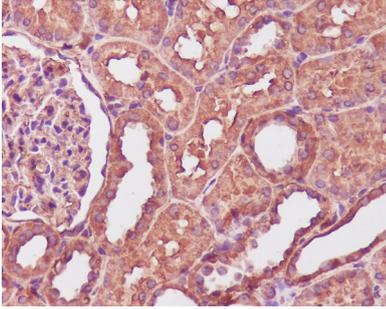
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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Western blot analysis of Calmodulin expression in (1) NIH-3T3 cell lysate; (2) MCF-7 cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using Calmodulin Antibody .