

Rabbit CALM3 Antibody | anti-CALM3 antibody

CALM3 Antibody

CATALOG # AAA266780	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CALM3; CALM3 Antibody; PHKD; PHKD3; anti-CALM3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Applicable Applications for anti-CALM3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CALM3
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C or -80 degree C. Avoid freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-CALM3 antibody	Calmodulin is a ubiquitously expressed small protein mediating many cellular effects such as short-term and long-term memory, nerve growth, inflammation, apoptosis, muscle contraction and intracellular movement (1). Upon binding of four Ca ²⁺ ions, calmodulin undergoes conformational changes, allowing this complex to bind to and activate many enzymes including protein kinases, protein phosphatases, ion channels, Ca ²⁺ pumps, nitric oxide synthase, inositol triphosphate kinase, and cyclic nucleotide phosphodiesterase (2, 3). Since calmodulin binds Ca ²⁺ in a cooperative fashion, small changes in cytosolic Ca ²⁺ levels lead to large changes in the level of active calmodulin and its target proteins (4).
Product Categories/Family for anti-CALM3 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	1. Persechini, A. et al. (1989) Trends Neurosci 12, 462-7. 2. Finn, B.E. et al. (1995) Nat Struct Biol 2, 777-83. 3. Agell, N. et al. (2002) Cell Signal 14, 649-54. 4. Porter, J.A. et al. (1993) Science 262, 1038-42.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49037474
NCBI GeneID	801
UniProt Accession #	P62158 ; P0DP23
Molecular Weight	17kDa
NCBI Official Synonym Full Names	calmodulin 1
NCBI Official Symbol	CALM1
NCBI Official Synonym Symbols	caM; CAMI; PHKD; CPVT4; DD132; LQT14; CALML2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rabbit-human-mouse-rat-antibody/calm3/266780>