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Datasheet for ABIN7467722 **anti-Calmodulin 3 antibody**

Overview

Quantity:	100 µL
Target:	Calmodulin 3 (CALM3)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Whole Mount) (IHC (wm))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Calmodulin 3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat, Zebrafish (Danio rerio)
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Calmodulin 3 (CALM3)
Alternative Name:	calmodulin 3 (CALM3 Products)
Background:	Calmodulin 3 , CALM , CAM1 , CAM2 , CAMB , CaM , CaMIII , HEL-S-72 , PHKD , PHKD3, This gene encodes a member of a family of proteins that binds calcium and functions as a enzymatic co-factor. Activity of this protein is important in the regulation of the cell cycle and cytokinesis. Multiple alternatively spliced transcript variants have been observed at this gene.

Target Details

[provided by RefSeq, Aug 2016]

Gene ID: 808

UniProt: [P0DP25](#), [P0DP23](#), [P0DP24](#)

Pathways: [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#), [Phototransduction](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.48 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.