

Datasheet for ABIN7255696
anti-Calmodulin 3 antibody



[Go to Product page](#)

3 Images

Overview

| | |
|--------------|--|
| Quantity: | 200 µL |
| 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), Immunofluorescence (IF) |

Product Details

| | |
|------------------|---|
| Immunogen: | A synthetic peptide of human CALM3 (NP_005175.2). |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | Calmodulin 3 (CALM3) |
| Alternative Name: | CALM3 (CALM3 Products) |
| Background: | 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

Molecular Weight: Observed_MW: 17 kDa
Calculated_MW: 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](#)

Application Details

Application Notes: WB 1:500-1:2000 IHC 1:50-1:100 IF 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

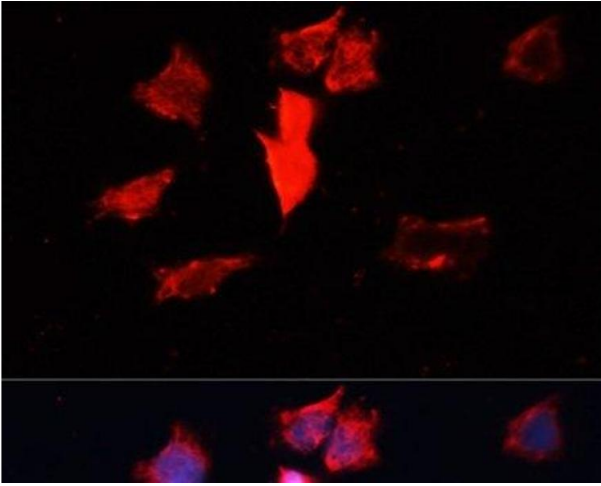
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

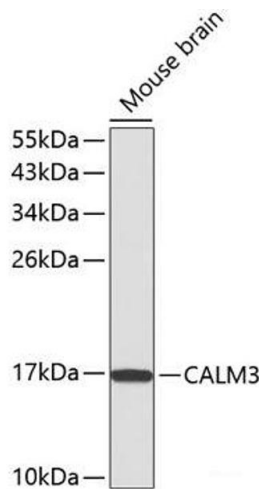
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



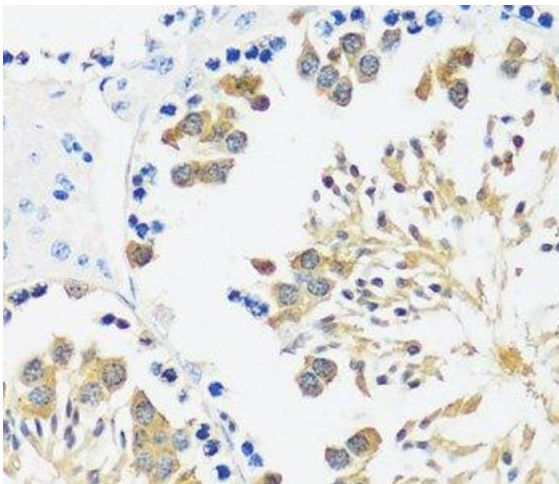
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using CALM3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of Mouse brain using CALM3 Polyclonal Antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Mouse testis using CALM3 Polyclonal Antibody at dilution of 1:100 (40x lens).