# Calmodulin (CAM) Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | Calmodulin (CAM), Polyclonal Antibody |
| **Full Product Name** | Calmodulin, CT (CaM, CALM, CAM1, CAM) (MaxLight 750) |
| **Product Gene Name** | anti-CAM antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750. |
| **Purity/Purification** | Purified by Protein G Affinity Chromatography. |
| **Specificity** | Recognizes human Calmodulin. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 16,838 Da |
| **3D Structure** | ModBase 3D Structure for Q13942 |
| **Immunogen** | Synthetic peptide selected from the C-terminal region of human calmodulin (KLH). |
| **Conjugate** | MaxLight750 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-CAM antibody** | Antibodies; Calmodulin |
| **Applications Tested/Suitable for anti-CAM antibody** | Immunohistochemistry (IHC), FLISA, Western Blot (WB) |
| **Application Notes for anti-CAM antibody** | IHC: 1:10-1:50<br>FLISA: 1:1,000<br>WB: 1:100-1:500<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-CAM antibody** | MBS6466699 is an antibody targeting CAM. Also known as Calmodulin, CT (CaM, CALM, CAM1, CAM) (MaxLight 750). Reactive in Human. Host: Rabbit. |
| **Product References and Citations for anti-CAM antibody** | 1. Radding, W., et al., AIDS Res. Hum. Retroviruses 16(15):1519-1525 (2000). 2. Wang, D., et al., J. Neurochem. 75(2):763-771 (2000). 3. Toutenhoofd, S.L., et al., Cell Calcium 23(5):323-338 (1998). 4. Matoba, R., et al., Gene 146(2):199-207 (1994). 5. Berchtold, M.W., et al., Genomics 16(2):461-465 (1993). |
| **Other Notes** | Small volumes of anti-CAM antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CAM. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 5901912 |
| **NCBI GeneID** | 801 |
| **NCBI Accession #** | NP_008819 |
| **NCBI Related Accession #** | NP_001734; NP_005175 |
| **UniProt Primary Accession #** | Q13942 |
| **UniProt Secondary Accession #** | Q9BRL5 |
| **UniProt Related Accession #** | P62158 |
| **GenBank Nucleotide #** | NM_006888 |
| **NCBI Official Full Name** | calmodulin |
| **NCBI Official Synonym Full Names** | calmodulin 1 (phosphorylase kinase, delta) |
| **NCBI Official Symbol** | CALM1 |
| **NCBI Official Synonym Symbols** | caM; CAMI; PHKD; CPVT4; DD132; CALML2 |
| **Protein Family** | Calmodulin |
| **NCBI Protein Information** | calmodulin; phosphorylase kinase, delta subunit; prepro-calmodulin 1 |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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