# CALCA Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | CALCA, Polyclonal Antibody |
| **Full Product Name** | CALCA |
| **Product Gene Name** | anti-CALCA antibody |
| **Product Synonym Names** | Purified Rabbit Anti Human CALCA Polyclonal antibody; CALC1; CGRP; CGRP-I; CGRP1; CT; KC; PCT |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human<br>Predicted: Rat, Mouse |
| **Form/Format** | Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol. |
| **Purity/Purification** | Purified By Antigen Affinity Column |
| **Molecular Weight** | 19KD |
| **Immunogen** | Recombinant fragment corresponding to 51aa-333aa of human CALCA. |
| **Cellular Localization** | Secreted |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-CALCA antibody** | ELISA (EIA), Western Blot (WB) |
| **Application Notes for anti-CALCA antibody** | ELISA: 1:20000-80000<br>WB: 1:200-1,000 |
| **Related Product Information for anti-CALCA antibody** | MBS8562949 is an antibody targeting CALCA. Reactive in Human<br>Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens calcitonin-related polypeptide alpha, mRNA |
| **Product References and Citations for anti-CALCA antibody** | Hppener J W M, Steenbergh P H, Zandberg J. et al. Localization of the polymorphic human calcitonin gene on chromosome 11. Human genetics. 66 (4):309-312 (1984) |
| **Other Notes** | Small volumes of anti-CALCA 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 CALCA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 46854730 |
| **NCBI GeneID** | 796 |
| **NCBI Accession #** | BC069760 |
| **UniProt Related Accession #** | P01258; P06881 |
| **NCBI Official Full Name** | Homo sapiens calcitonin-related polypeptide alpha, mRNA |
| **NCBI Official Synonym Full Names** | calcitonin related polypeptide alpha |

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| **NCBI Official Symbol** | CALCA |
| **NCBI Official Synonym Symbols** | CT; KC; PCT; CGRP; CALC1; CGRP1; CGRP-I |
| **Protein Family** | Calcitonin |
| **NCBI Protein Information** | calcitonin; calcitonin gene-related peptide 1 |
| **NCBI Summary for CALCA** | This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2014] |
| **Research Articles on CALCA** | **1.** Polymorphic variations of CALCA (and TRPV1) genes play a role as prognostic markers of efficacy of OnabotulinumtoxinA in chronic migraine female patients. |
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