

**Anti-CALCA / CGRP Reference Antibody (eptinezumab)  
Recombinant Antibody  
Catalog # APR10286****Specification**

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**Anti-CALCA / CGRP Reference Antibody (eptinezumab) - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Application       | FC, Kinetics, Animal Model |
| Primary Accession | <a href="#">P06881</a>     |
| Reactivity        | Rat, Human                 |
| Clonality         | Monoclonal                 |
| Isotype           | IgG1                       |
| Calculated MW     | 145 KDa                    |

**Anti-CALCA / CGRP Reference Antibody (eptinezumab) - Additional Information****Target/Specificity**  
CALCA / CGRP**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-CALCA / CGRP Reference Antibody (eptinezumab) - Protein Information****Name** CALCA ([HGNC:1437](#))**Synonyms** CALC1**Function**  
CGRP1/CALCA is a peptide hormone that induces vasodilation mediated by the CALCRL-RAMP1 receptor complex (PubMed:<a href="http://www.uniprot.org/citations/1318039" target="\_blank">1318039</a>, PubMed:<a href="http://www.uniprot.org/citations/33602864" target="\_blank">33602864</a>, PubMed:<a href="http://www.uniprot.org/citations/9620797" target="\_blank">9620797</a>). Dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role (PubMed:<a href="http://www.uniprot.org/citations/3492492" target="\_blank">3492492</a>). It also elevates platelet cAMP (PubMed:<a href="http://www.uniprot.org/citations/1318039" target="\_blank">1318039</a>). CGRP1 can also bind and activate CALCR-RAMP1 (AMYR1) receptor complex (PubMed:<a

href="http://www.uniprot.org/citations/38603770" target="\_blank">38603770</a>).

**Cellular Location**  
Secreted.

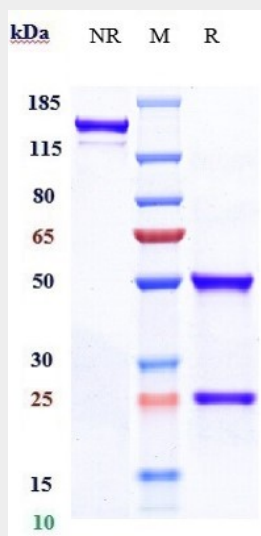
**Tissue Location**  
Expressed in spinal cord.

### Anti-CALCA / CGRP Reference Antibody (eptinezumab) - Protocols

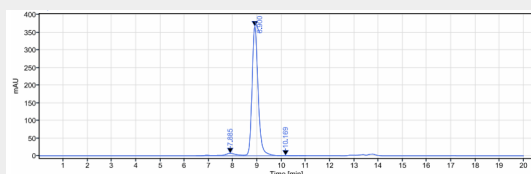
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-CALCA / CGRP Reference Antibody (eptinezumab) - Images



Anti-CALCA / CGRP Reference Antibody (eptinezumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CALCA / CGRP Reference Antibody (eptinezumab) is more than 95.91%, determined by SEC-HPLC.