

Anti-CALCA / CGRP Reference Antibody (galcanezumab)

Recombinant Antibody Catalog # APR10581

Specification

Anti-CALCA / CGRP Reference Antibody (galcanezumab) - Product Information

FC, Kinetics, Animal Model

P06881

Application **Primary Accession** Reactivity Clonality Isotype

Rat, Human **Monoclonal** IqG4SP Calculated MW 145 KDa

Anti-CALCA / CGRP Reference Antibody (galcanezumab) - 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 (galcanezumab) - 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:1318039, PubMed:33602864, PubMed:9620797). 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: 3492492). It also elevates platelet cAMP (PubMed:1318039). CGRP1 can also bind and activate CALCR-RAMP1 (AMYR1) receptor complex (PubMed:<a



href="http://www.uniprot.org/citations/38603770" target=" blank">38603770).

Cellular Location Secreted.

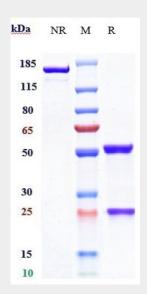
Tissue Location Expressed in spinal cord.

Anti-CALCA / CGRP Reference Antibody (galcanezumab) - Protocols

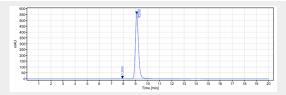
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-CALCA / CGRP Reference Antibody (galcanezumab) - Images



Anti-CALCA / CGRP Reference Antibody (galcanezumab) 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 (galcanezumab)is more than 99.18% ,determined by SEC-HPLC.