A5542SP

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CGRP Rabbit pAb

Catalog No.: A5542SP 16 Publications

Basic Information

Observed MW
10 kDa

Calculated MW
14 kDa

Category
Polyclonal Antibody

Applications
WB,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

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.

Recommended Dilutions

WB	1:1000 - 1:3000
IF/ICC	1:100 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000) , a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
796

Swiss Prot
P06881

Immunogen
This information is considered to be commercially sensitive.

Synonyms
CT; KC; PCT; CGRP; CALC1; CGRP1; CGRP-I; CGRP-alpha

Product Information

Source
Rabbit

Isotype
IgG

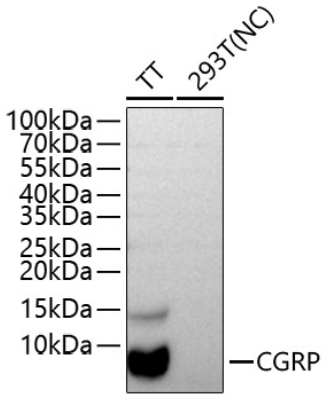
Purification
Affinity purification

Storage
Store at -20℃

Contact

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Validation Data



Western blot analysis of various lysates using CGRP Rabbit pAb (A5542SP) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): 293T.
Exposure time: 20 s.

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