

## CAB16786

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### Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB16786 | <b>Gene ID:</b>      | 796    | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | -        | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Mouse       |

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### Additional Information

|                       |                  |                   |     |
|-----------------------|------------------|-------------------|-----|
| <b>Observed MW:</b>   | Refer to figures | <b>Conjugate:</b> | -   |
| <b>Calculated MW:</b> | 14kDa            | <b>Isotype:</b>   | IgG |

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### Immunogen Information

**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 Dilution:** IHC-P,1:50 - 1:200

**Synonyms:** CT; KC; PCT; CGRP; CALC1; CGRP1; CGRP-I; CGRP-alpha; CALCA

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 26-128 of CALCA (NP\_001029125.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.