

## CAB9576

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### Product Information

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|---------------------|---------|----------------------|--------|--------------------|-----------------|
| <b>Product SKU:</b> | CAB9576 | <b>Gene ID:</b>      | 1113   | <b>Size:</b>       | 20uL, 100uL     |
| <b>Clone No:</b>    | ARC1643 | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse,Rat |

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### Additional Information

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| <b>Observed MW:</b>   | 80kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 51kDa | <b>Isotype:</b>   | IgG          |

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### Immunogen Information

**Background:** The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene.

**Recommended Dilution:** WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

**Synonyms:** CGA; PHE5; PHES; Chromogranin A

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Chromogranin A (P10645).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.