

CMGA Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11784b**Specification**

CMGA Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [P10645](#)**CMGA Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 1113**Other Names**

Chromogranin-A, CgA, Pituitary secretory protein I, SP-I, Vasostatin-1, Vasostatin I, Vasostatin-2, Vasostatin II, EA-92, ES-43, Pancreastatin, SS-18, WA-8, WE-14, LF-19, AL-11, GV-19, GR-44, ER-37, CHGA

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CMGA Antibody (C-term) Blocking peptide - Protein Information**Name** CHGA**Function**

[Pancreastatin]: Strongly inhibits glucose induced insulin release from the pancreas. [Serpinin]: Regulates granule biogenesis in endocrine cells by up-regulating the transcription of protease nexin 1 (SERPINE2) via a cAMP-PKA-SP1 pathway. This leads to inhibition of granule protein degradation in the Golgi complex which in turn promotes granule formation.

Cellular Location

[Serpinin]: Secreted {ECO:0000250|UniProtKB:P26339}. Cytoplasmic vesicle, secretory vesicle {ECO:0000250|UniProtKB:P26339}. Note=Pyroglutaminated serpinin localizes to secretory vesicle. {ECO:0000250|UniProtKB:P26339}

Tissue Location

Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). Detected in urine (at protein level) (PubMed:37453717).

CMGA Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CMGA Antibody (C-term) Blocking peptide - Images

CMGA Antibody (C-term) Blocking peptide - Background

This gene is a member of the BCL2/adenovirus E1B 19kd-interacting protein (BNIP) family. It interacts with the E1B 19kDa protein which is responsible for the protection of virally-induced cell death, as well as E1B 19 kDa-like sequences of BCL2, also an apoptotic protector. The protein encoded by this gene is a functional homolog of BNIP3, a proapoptotic protein. This protein may function simultaneously with BNIP3 and may play a role in tumor suppression.

CMGA Antibody (C-term) Blocking peptide - References

Novak, I., et al. EMBO Rep. 11(1):45-51(2010) Bellot, G., et al. Mol. Cell. Biol. 29(10):2570-2581(2009) Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3558-3566(2008) Papandreou, I., et al. Cell Death Differ. 15(10):1572-1581(2008) Liu, W., et al. Neoplasia 10(8):897-907(2008)