

CgA
Mouse Monoclonal Antibody (Mab)
Catalog # APA069

Specification

CgA - Product Information

Application	IHC
Primary Accession	P10645
Host	Mouse
Clonality	Monoclonal
Calculated MW	50688 Da

CgA - Additional Information

Gene ID	1113
Gene Name	CHGA

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, Catestatin, SL21, AL-11, GV-19, GR-44, ER-37, GE-25, Serpinin-RRG, Serpinin, p-Glu serpinin precursor, CHGA

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CgA is for research use only and not for use in diagnostic or therapeutic procedures.

CgA - Protein Information

Name CHGA

Function	<p>[Pancreastatin]: Strongly inhibits glucose induced insulin release from the pancreas.</p> <p>[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.</p>
Cellular Location	<p>[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}</p>

Tissue Location

GE-25 is found in the brain.

CgA - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CgA - Images