

KD-Validated Anti-Chromogranin A Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI1943

Product Information

Application	WB, ICC
Primary Accession	P10645
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	24GB6520
Calculated MW	50688
Gene Name	CHGA
Aliases	CHGA; Chromogranin A; PHE5; PHES; PaRathyroid Secretory Protein 1; Pituitary Secretory Protein I; Chromogranin-A; SP-I; Betagranin (N-Terminal Fragment Of Chromogranin A); Pancreastatin; Chromofungin; Vasostatin; Parastatin; Catestatin; CGA; CgA
Immunogen	Recombinant protein of human CHGA

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

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).

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