

Chromogranin-A

Catalog No: #AP78871



Package Size: #AP78871-1 50ug #AP78871-2 100ug #AP78871-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Chromogranin-A
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Rat
Immunogen Description	Recombinant protein
Other Names	null
Accession No.	P10354Gene name:Chga
Uniprot	P10354
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 (By similarity). Serpinin and pGlu-serpinin can enhance both myocardial contractility (inotropy) and relaxation (lusitropy) and this cardio-stimulation requires a beta 1-adrenergic receptor/adenylate cyclase/cAMP/PKA pathway (PubMed:22459152).

References

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Note: This product is for in vitro research use only