

Recombinant Chromogranin A/CHGA/CGA Monoclonal Antibody

catalog number: AN300072P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

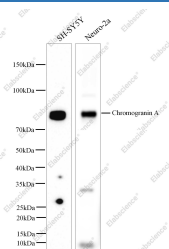
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to the center region of the Human Chromogranin A/CHGA/CGA
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110056
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

IHC	1:200-1:1000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200,

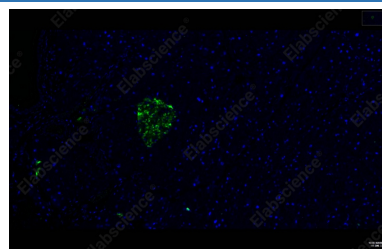
Data



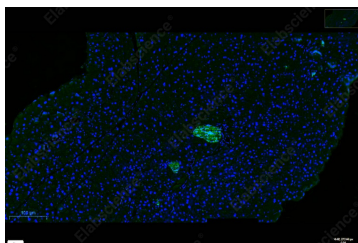
Western blot analysis of SH-SY5Y and Neuro-2a cell lysates using Chromogranin A/CHGA/CGA Antibody (AN300072P) at a dilution of 1:1500.

Observed-MW:80kD

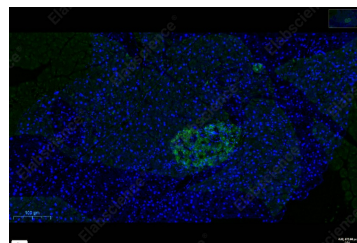
Calculated-MW:51kD



Mouse pancreas was stained with Chromogranin A antibody.



Mouse pancreas was stained with Chromogranin A rabbit antibody.



Rat pancreas was stained with Chromogranin A antibody.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Email: techsupport@elabscience.com

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Rev. V1.7

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. [provided by RefSeq, Sep 2014]