

ARG44639 anti-Chromogranin A antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Chromogranin A
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	Chromogranin A
Species	Human
Conjugation	Un-conjugated
Alternate Names	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

Application Instructions

Application table	Application	Dilution
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

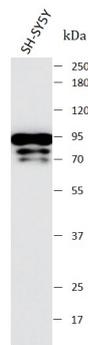
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CHGA
Gene Full Name	Chromogranin A
Background	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]
Function	May play a role in the regulation of cardiac function and blood pressure. [UniProt]
Calculated Mw	51 kDa
PTM	Amidation, Cleavage on pair of basic residues, Disulfide bond, Glycoprotein, Oxidation, Phosphoprotein, Proteoglycan, Sulfation. [UniProt]
Cellular Localization	Cytoplasmic vesicle, Secreted. [UniProt]

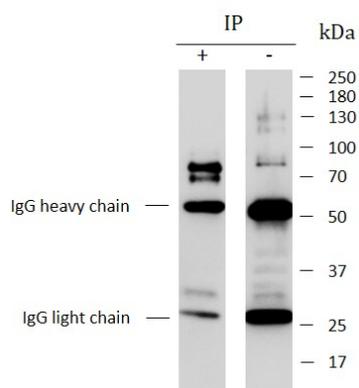
Images

ARG44639 anti-Chromogranin A antibody WB image



Western blot: SH-SY5Y stained with ARG44639 anti-Chromogranin A antibody at 1 µg/mL dilution.

ARG44639 anti-Chromogranin A antibody IP image



Immunoprecipitation: SH-SY5Y lysate immunoprecipitated with 2.5 µg of ARG44639 anti-Chromogranin A antibody.