Chromogranin A (ABT217R) Rabbit mAb (Ready to Use)

Catalog No	YP-rAb-18194
Isotype	IgG
Reactivity	Human,Mouse
Applications	IHC
Gene Name	CHGA
Protein Name	beta Granin;betagranin (N-terminal fragment of chromogranin A);catestatin;CgA;CHG A;Chga;chromofungin;Chromogranin A;Chromogranin A parathyroid secretory protein 1;Chromogranin A precursor;ChromograninA;CMGA_HUMAN;ER-37;Pancreastatin;Parastatin;Parathyroid secretory protein 1;Pituitary secretory protein I;Secretory protein I;SP I;SP-I;SP1;SPI;vasostatin 2;Vasostatin;Vasostatin I;Vasostatin II;vasostatin-2
Purification Process	Protein A
Specificity	This antibody detects endogenous levels of Chromogranin A
Formulation	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
Source	Monoclonal, Rabbit,IgG
Dilution	Ready to use for IHC Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	2° C to 8° C/1 year,Ship by ice bag
Synonyms	beta Granin ; betagranin ; N-terminal fragment of chromogranin A ; catestatin ; CgA ; CHG A ; Chga ; chromofungin ; Chromogranin A ; Chromogranin A paRathyroid secretory protein 1 ; Chromogranin A precursor ; ChromograninA ; CMGA_HUMAN ; ER-37 ; Pancreastatin ; Parastatin ; PaRathyroid secretory protein 1 ; Pituitary secretory protein I ; Secretory protein I ; SP I ; SP-I ; SP1 ; SPI ; vasostatin 2 ; Vasostatin ; Vasostatin I ; Vasostatin II ; vasostatin-2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasmic
Tissue Specificity	Pancreas/ stomach

Function	Pancreastatin strongly inhibits glucose induced insulin release from the pancreas.,miscellaneous:Binds calcium with a low-affinity.,PTM:Sulfated on tyrosine residues and/or contains sulfated glycans.,similarity:Belongs to the chromogranin/secretogranin protein family.,subcellular location:Neuroendocrine and endocrine secretory granules.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.