

Chromogranin A (ABT217R) rabbit mAb

Catalog No :	YM7081
Reactivity :	Human;Mouse;
Applications :	IHC; ELISA
Target :	Chromogranin A
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;Chromograni
Human Gene Id :	1113
Human Swiss Prot No :	P10645
Mouse Swiss Prot No :	P26339
Rat Swiss Prot No :	P10354
Immunogen :	Synthesized peptide derived from human Chromogranin A AA range:19-94
Specificity :	This antibody detects endogenous levels of Chromogranin A
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, Rabbit IgG1, Kappa
Dilution :	IHC 1:100-500, ELISA 1:5000-20000
Purification :	Recombinant Expression and Affinity purified
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	50kD

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 :	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.,
Subcellular Location :	Cytoplasmic
Expression :	Pancreas/ stomach
Tag :	recombinant
Sort :	999
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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