

Chromogranin A (ABT217R) rabbit mAb

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| 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

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