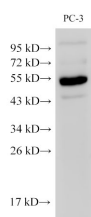


Chromogranin A Polyclonal Antibody

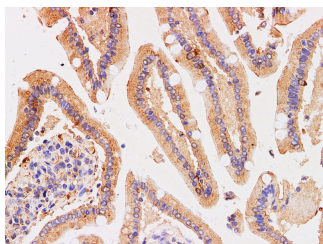
Catalog No.	E-AB-40339	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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

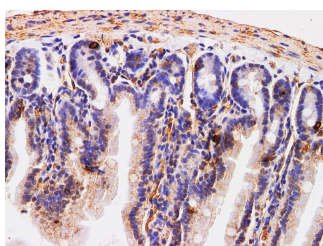
Images



Western Blot analysis of PC-3 cells using Chromogranin A Polyclonal Antibody at dilution of 1:500



Immunohistochemistry of paraffin-embedded Human duodenum using Chromogranin A Polyclonal Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Mouse small intestine using Chromogranin A Polyclonal Antibody at dilution of 1:200

Immunogen Information

Immunogen	Recombinant Mouse Chromogranin-A protein
GeneID	12652
Swissprot	P26339
Synonyms	beta Granin, catestatin, CgA, CHG A, chromofungin, Chromogranin A, Parastatin, SP I, Vasostatin

Product Information

Calculated MW	51 kDa
Observed MW	51 kDa
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	WB 1:500-1:1000 IHC 1:100-1:300

Background

Chromogranin A is a member of the granin family of neuroendocrine secretory proteins. It is located in secretory vesicles of neurons and endocrine cells. Chromogranin A is the precursor to several functional peptides including vasostatin,pancreastatin,catestatin and parastatin. These peptides negatively modulate the neuroendocrine function of the releasing cell (autocrine) or nearby cells (paracrine). CgA is one of the most used tumor markers in NET's (neuroendocrine tumors) ,and elevated CgA concentrations have been demonstrated in serum or plasma of patients with different types of these tumors.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.