

32-6061: Mouse Anti Human Chromogranin-A(Clone:P3A5AT.)

Clonality :	Monoclonal
Clone Name :	P3A5AT.
Application :	ELISA,WB ,IHC
Gene :	CHGA
Gene ID :	1113
Uniprot ID :	P10645
Format :	Purified
Alternative Name :	CGA,CHGA,Vasostatin-2,Pituitary secretory protein I,SP-I.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human CHGA mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human CHGA amino acids 19-131 purified from E. coli.

Description

Chromgranin-A is part of the neuroendocrine secretory protein family. CHGA is located in secretory vesicles of neurons and endocrine cells. Chromgranin-A 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. Other peptides, including chromostatin, beta-granin, WE-14 and GE-25, are also derived from the full-length protein. Chromgranin-A has numerous biological activities on some tissues and organs and exerts a large spectrum of homeostatic actions, including antifungal and antimicrobial effect, modulation of cell adhesion, and inhibition of parathyroid hormone secretion.

Product Info

Amount :	20 µg
Purification :	CHGA antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

CHGA antibody has been tested by ELISA, Western blot and immunohistochemistry analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot is 1:500 ~ 1:1,000 and immunohistochemistry analysis is 1:100~200. Recommended starting dilution for Western blot is 1:500 and Immunohistochemistry is 1:100.