

Rabbit anti-Human Chromogranin A Monoclonal Antibody | anti-CHGA antibody

Chromogranin A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312449	Rabbit	Human	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

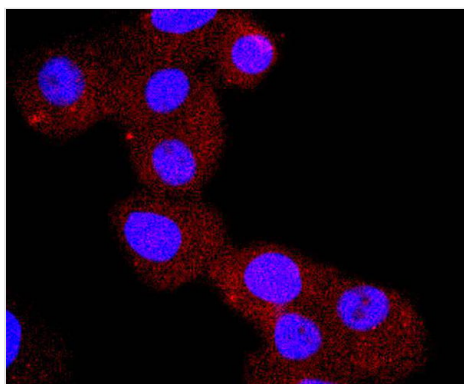
PRODUCT SYNONYMS

Chromogranin A; Monoclonal Antibody; Chromogranin A Antibody; beta Granin antibody; betagranin (N-terminal fragment of chromogranin A) antibody; catestatin antibody; CgA antibody; CHG A antibody; Chga antibody; chromofungin antibody; Chromogranin A parathyroid secretory protein 1 antibody; Chromogranin A precursor antibody; ChromograninA antibody; CMGA_HUMAN antibody; ER-37 antibody; Pancreastatin antibody; Parastatin antibody; Parathyroid secretory protein 1 antibody; Pituitary secretory protein I antibody; Secretory protein I antibody; SP I antibody; SP-I antibody; SP1 antibody; SPI antibody; Vasostatin antibody; Vasostatin I antibody; Vasostatin II antibody; anti-CHGA antibody

PRODUCT SPECIFICATIONS

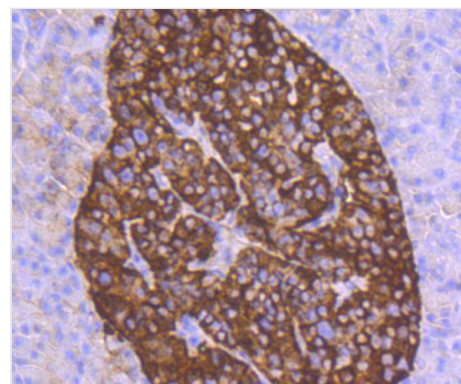
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JM103-7
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CHGA antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



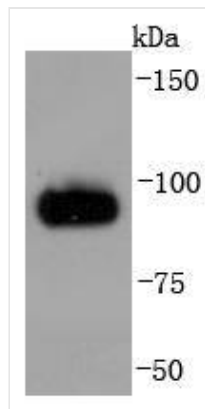
ICC (Immunocytochemistry)

ICC staining Chromogranin A in PC-3M cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-Chromogranin A antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Chromogranin A on PC-12 cells lysates using anti-Chromogranin A antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CHGA antibody	Chromogranins (secretogranins) are acidic glycoproteins that localize within secretory granules of endocrine, neuroendocrine and neuronal tissue. Family members include chromogranin A (Chr-A), chromogranin B (Chr-B, also known as secretogranin I) chromogranin C (also known as secretogranin II or Sg II), secretogranin III (Sg III or SCG3). High levels of Chr-A expression is a characteristic of neuroendocrine tumors. Pancreastatin is a peptide derived from Chr-A which inhibits insulin secretion, exocrine pancreatic secretion and gastric acid secretion. Pancreastatin exists as two forms; the major form is expressed in stomach and colon extracts. In neuroendocrine cells the level Sg II has been shown to increase four-fold in response to histamine, while levels of Chr-A and Chr-B showed little or no increase. Sg III is an acidic secretory protein expressed in neuronal and endocrine cells. In the anterior lobe of the rat pituitary gland, Sg III is present in mammotropes and thyrotropes, moderately in gonadotropes and corticotropes, though not in somatotropes. Sg III and carboxypeptidase E (CPE) bind specifically to cholesterol-rich secretory granule (SG) membranes.
Product Categories/Family for anti-CHGA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502805
NCBI GeneID	1113
NCBI Accession #	NP_001266.1
NCBI GenBank Nucleotide #	NM_001275.3
UniProt Accession #	P10645; Q53FA8; Q6NR84; Q96E84; Q96GL7; Q9BQB5; B2R9E9
Molecular Weight	50,688 Da
NCBI Official Full Name	chromogranin-A preproprotein
NCBI Official Synonym Full Names	chromogranin A (parathyroid secretory protein 1)
NCBI Official Symbol	CHGA
NCBI Official Synonym Symbols	CGA
NCBI Protein Information	chromogranin-A; SP-I; pituitary secretory protein I; parathyroid secretory protein 1; betagranin (N-terminal fragment of chromogranin A)
UniProt Protein Name	Chromogranin-A
UniProt Gene Name	CHGA
UniProt Synonym Gene Names	CgA; SP-I

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/chromogranin-a-antibody-clone-jm103-7-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312449>