

Rabbit anti-Human CHGA/Chromogranin A Polyclonal Antibody | anti-CHGA antibody

CHGA/Chromogranin A Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162979	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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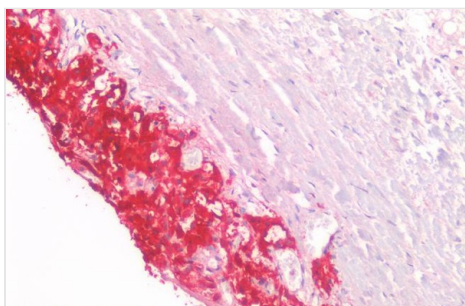
PRODUCT SYNONYMS

CHGA/Chromogranin A; Polyclonal Antibody; CHGA/Chromogranin A Rabbit anti-Human Polyclonal Antibody; PathPlus CHGA/Chromogranin A Antibody; CHGA; Chromogranin A; Chromogranin-A; Pancreastatin; Pituitary secretory protein I; Vasostatin I; SP-I; Vasostatin II; anti-CHGA antibody

PRODUCT SPECIFICATIONS

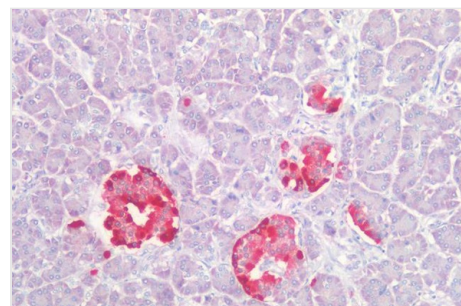
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CHGA antibody	IHC (Immunohistochemistry)
Target	Human CHGA/Chromogranin A
Immunogen	LP-10812, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



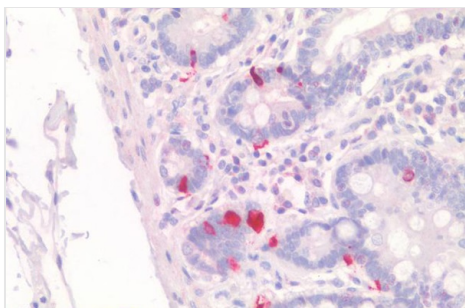
IHC (Immunohistochemistry)

CHGA/Chromogranin A Antibody-Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

CHGA/Chromogranin A Antibody-Human Pancreatic Islets of Langerhans: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

CHGA/Chromogranin A Antibody-Human Small Intestine, Neuroendocrine Cells: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-CHGA antibody	Chromogranin A antibody is an unconjugated rabbit polyclonal antibody to Chromogranin A (CHGA) from human. Validated for IHC. CHGA (Chromogranin A) encodes a protein involved in the production of secretory vesicles in endocrine and neuroendocrine cells. Levels of this protein correlate with the number of secretory vesicles present, and staining of this protein is useful for subtyping neuroendocrine tumors in multiple tissues including the lung. Serum of patients with small cell lung cancer can be checked for circulating CHGA, and in this context it has been shown to have more sensitivity than neuroendocrine marker NSE. Sensitivity of CHGA is expected to increase with stage. Staining for Chromogranin A is expected to be cytoplasmic.
References	Gut, 2016; Syversen, 2004; Taneja, 2004; Seregini, 2001; Endoc Rev 2011 32:755

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502805
NCBI GeneID	1113
NCBI Accession #	NP_001266.1
NCBI GenBank Nucleotide #	NM_001275
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
UniProt Entry Name	CMGA_HUMAN

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.