

Mouse chromogranin A Monoclonal Antibody | anti-CHGA antibody

Mouse Anti-human chromogranin A monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118307	Mouse	Human. Other species are not tested. Please decide the specificity by homology	Immunohistochemistry, Western Blot, ELISA

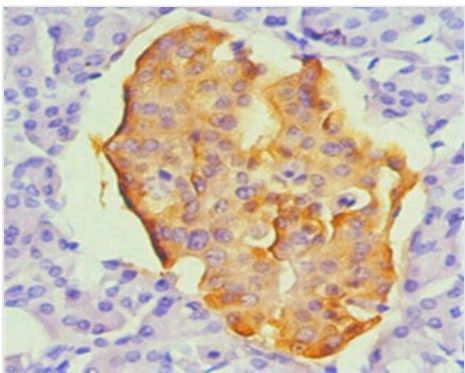
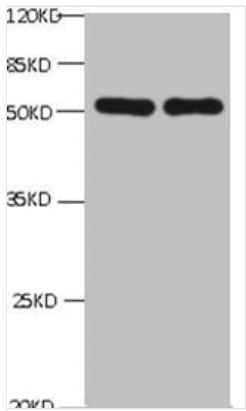
PRODUCT SYNONYMS

chromogranin A; Monoclonal Antibody; Mouse Anti-human chromogranin A monoclonal Antibody; Chromogranin-A; CgA; Pituitary secretory protein I; SP-I; Vasostatin II; anti-CHGA antibody

PRODUCT SPECIFICATIONS

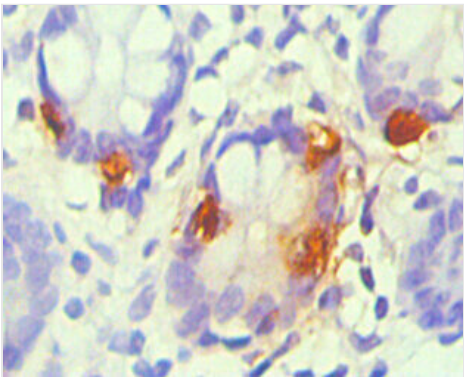
Host	Mouse
Reactivity	Human. Other species are not tested. Please decide the specificity by homology
Clonality	Monoclonal
Isotype	IgG1
Specificity	Specific for Recombinant CHGA Protein denatured and native forms
Purity/Purification	>95%, Protein G Purified
Sequence Length	457
Applicable Applications for anti-CHGA antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant CHGA Protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-47714 / sc-53013 / sc-271738 / sc-376813 / sc-376827
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical of paraffin-embedded Human pancreas tissue using AAA118307(1D7-3D5) at dilution of 1:200.

WB (Western Blot)
All lanes: Chromogranin-A transfected E.coli lysate lane 1: Mouse Anti--6*his monoclonal antibody at 1ug/ml lane 2: Mouse anti- Chromogranin-A monoclonal antibody at 1ug/ml Predicted band size: 52Kd Observed band size: 52kd



IHC (Immunohistochemistry)
Immunohistochemical of paraffin-embedded Human small intestine tissue using AAA118307(1D7-3D5) at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-CHGA antibody	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. However, CgA is not a tumor-specific antigen for NETs, and an abnormal concentration has been described in some non-malignant diseases such as renal failure, heart failure, proton pump inhibition, gastritis, hypertension, or patients with liver diseases.
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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 isoform 1 preproprotein

NCBI Official Synonym Full Names	chromogranin A
NCBI Official Symbol	CHGA
NCBI Official Synonym Symbols	CGA
NCBI Protein Information	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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/chromogranin-a-antibody-immunohistochemistry-western-blot-elisa/118307>