

Rabbit CHGA Polyclonal Antibody | anti-CHGA antibody

CHGA antibody - C-terminal region

CATALOG # AAA199020	HOST Rabbit	REACTIVITY Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

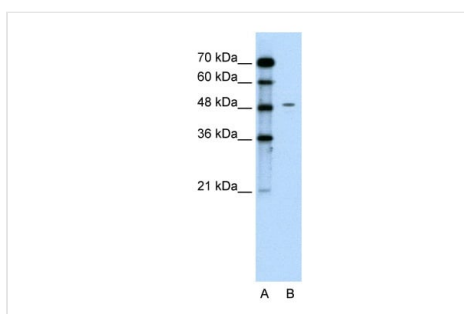
PRODUCT SYNONYMS

CHGA; Polyclonal Antibody; CHGA antibody - C-terminal region; anti-CHGA antibody

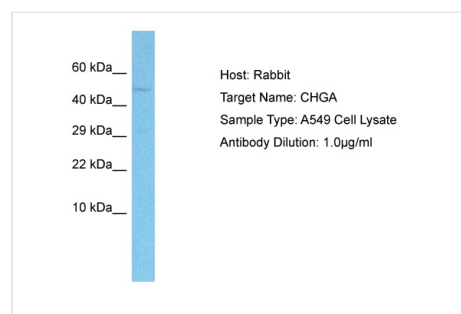
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DS LEAGLPLQVR GYPEEKKEEE GSANRRPEDQ ELESLSAIEA ELEKVAHQ
Sequence Length	457
Applicable Applications for anti-CHGA antibody	WB (Western Blot)
Homology	Cow: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CHGA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CHGA Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate


WB (Western Blot)

Host: Rabbit Target Name: CHGA Sample Tissue: Human A549 Whole Cell Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CHGA antibody	This is a rabbit polyclonal antibody against CHGA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CHGA is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. Its gene's product 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. However, biological activities for these molecules have not been shown.The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product 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. However, biological activities for these molecules have not been shown.The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product 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. However, biological activities for these molecules have not been shown.
Product Categories/Family for anti-CHGA antibody	Polyclonal; Signal Proteins; Membrane & Traffic; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502805
NCBI GeneID	1113
NCBI Accession #	NP_001266
NCBI GenBank Nucleotide #	NM_001275
UniProt Accession #	P10645
Molecular Weight	51kDa
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.