Chromogranin A (CHGA) Human Antigen

PRODUCT OVERVIEW

Product Name	Chromogranin A (CHGA), Antigen
Full Product Name	Chromogranin A
Product Gene Name	CHGA antigen
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Antigen Immunoaffiinity Purification
Preparation and Storage	Product should be stored at -20 degree C. Aliquot to avoid freeze/thaw cycles Ship at ambient temperature, freeze upon arrival
Molecular Weight	50,688 Da
OMIM	118910
Applications Tested/Suitable for CHGA antigen	Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for CHGA antigen	MBS396699 is an antigen targeting CHGA. Also known as Chromogranin A. Reactive in Human. Host: Rabbit. **Description:** Synthetic peptide derived from human Chromogranin A protein
Other Notes	Small volumes of CHGA antigen vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHGA. It may not necessarily be applicable to this product.

NCBI GI #	180527
NCBI Accession #	AAA52017.1
UniProt Secondary Accession #	Q53FA8; Q6NR84; Q96E84; Q96GL7; Q9BQB5; B2R9E9
NCBI Official Full Name	chromogranin A
UniProt Protein Name	Chromogranin-A
UniProt Synonym Protein Names	Pituitary secretory protein I; SP-I
Protein Family	Chromogranin
UniProt Gene Name	CHGA
UniProt Synonym Gene Names	CgA; SP-I
UniProt Entry Name	CMGA_HUMAN

UniProt Comments for CHGA	CHGA: a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells and is a precursor to multiple biologically active peptides including vasostatin, pancreastatin, and chromostatin. Binds calcium with a low-affinity. Vasostatin negatively regulates angiogenesis and has antibacterial activity against some Gram-positive bacteria. Pancreastatin inhibits glucose induced insulin release from the pancreas. Chromostatin inhibits catecholamine release from chromaffin cells. Protein type: Cell adhesion; Secreted, signal peptide; Vesicle; Secreted Chromosomal Location of Human Ortholog: 14q32 Cellular Component: perinuclear region of cytoplasm; extracellular region; secretory granule Biological Process: regulation of blood pressure
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