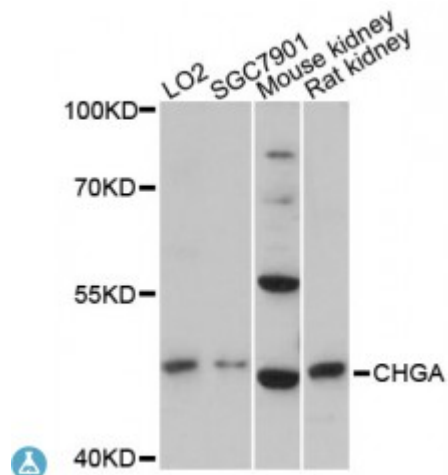


Anti-CHGA Antibody



Description

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. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene.

Model	STJ116155
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 230-380 of human CHGA (NP_001266.1).
Gene ID	1113
Gene Symbol	CHGA
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	GE-25 is found in the brain
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Chromogranin-A CgA Pituitary secretory protein I SP-I

Molecular Weight	50.688 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:1929OMIM:118910Reactome:R-HSA-6803157
Alternative Names	Chromogranin-A CgA Pituitary secretory protein I SP-I
Function	Pancreastatin: Strongly inhibits glucose induced insulin release from the pancreas
Cellular Localization	Cytoplasmic vesicle, secretory vesicle lumen
Post-translational Modifications	Sulfated on tyrosine residues and/or contains sulfated glycans

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com