

Chromogranin A Rabbit mAb

Catalog No: #52219

Package Size: #52219-1 50ul #52219-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

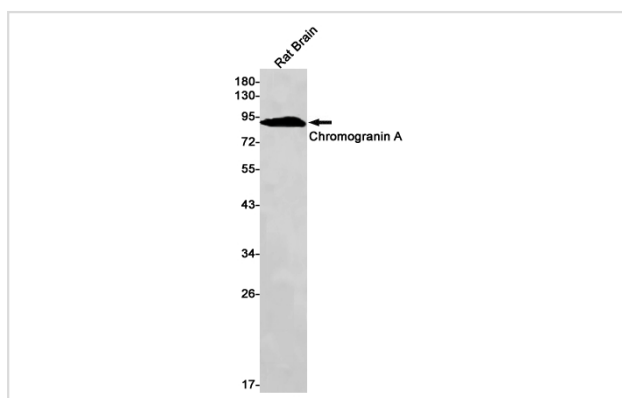
Description

Product Name	Chromogranin A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-4J4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Rat
Immunogen Description	A synthetic peptide of human Chromogranin A
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CGA
Accession No.	Swiss-Prot:P10645GenelD:1113
Uniprot	P10645
GenelD	1113
Calculated MW	Calculated MW: 51 kDa; Observed MW: 92 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/10000

Images



Western blot detection of Chromogranin A in Rat Brain lysates using Chromogranin A Rabbit mAb(1:1000 diluted).Predicted band size:51kDa.Observed band size:92kDa.

Background

Swiss-Prot Acc.P10645.Pancreastatin: Strongly inhibits glucose induced insulin release from the pancreas.CaTatin: Inhibits catecholamine release from chromaffin cells and noradrenergic neurons by acting as a non-competitive nicotinic cholinergic antagonist (PubMed:15326220). Displays antibacterial activity against Gram-positive bacteria *S.aureus* and *M.luteus*, and Gram-negative bacteria *E.coli* and *P.aeruginosa* (PubMed:15723172 and PubMed:24723458). Can induce mast cell migration, degranulation and production of cytokines and chemokines (PubMed:21214543). Acts as a potent scavenger of free radicals in vitro (PubMed:24723458). May play a role in the regulation of cardiac function and blood pressure (PubMed:18541522).

Note: This product is for in vitro research use only