

## Product datasheet for **TA383997**

### Chromogranin A (CHGA) Rabbit Monoclonal Antibody [Clone ID: R04-4J4]

#### Product data:

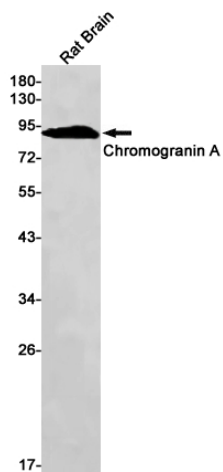
Product Type:	Primary Antibodies
Clone Name:	R04-4J4
Applications:	WB
Recommended Dilution:	WB: 1/1000
Reactivity:	Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human Chromogranin A
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 51 kDa; Observed MW: 92 kDa
Gene Name:	chromogranin A
Database Link:	<a href="#">P10645</a>
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).



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Synonyms: CgA; SP-I

### Product 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.