

Chromogranin A Rabbit pAb

CatalogNo: YT0916

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 68kD (Observed)

Isotype

- IgG

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:10000

IF 1:50-200

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human Chr-A. AA range:311-360

Specificity

Chr-A Polyclonal Antibody detects endogenous levels of Chr-A protein.

Target Information

Gene name	CHGA		
Protein Name	Chromogranin-A		
	Organism	Gene ID	UniProt ID
	Human	1113 ;	P10645 ;
	Mouse	12652 ;	P26339 ;
	Rat		P10354 ;
Cellular Localization	[Serpinin]: Secreted . Cytoplasmic vesicle , secretory vesicle . Pyroglutaminated serpinin localizes to secretory vesicle. .; Cytoplasmic vesicle , secretory vesicle . Cytoplasmic vesicle , secretory vesicle , neuronal dense core vesicle . Secreted . Associated with the secretory granule membrane through direct interaction to SCG3 that in turn binds to cholesterol-enriched lipid rafts in intragranular conditions. In pituitary gonadotropes , located in large secretory granules. .		
Tissue specificity	GE-25 is found in the brain.		
Function	Function:Pancreastatin strongly inhibits glucose induced insulin release from the pancreas. ,miscellaneous:Binds calcium with a low-affinity. ,PTM:Sulfated on tyrosine residues and/or contains sulfated glycans. ,similarity:Belongs to the chromogranin/secretogranin protein family. ,subcellular location:Neuroendocrine and endocrine secretory granules. ,		

| Validation Data

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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Chromogranin A
Rabbit pAb