

# Rabbit Chromogranin A Polyclonal Antibody | anti-Chga antibody

Chromogranin A Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                         |
|-----------|--------|-------------------|----------------------------------------------------------------------|
| AAA312129 | Rabbit | Human, Mouse, Rat | Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot |

## PRODUCT SYNONYMS

Chromogranin A; Polyclonal Antibody; Chromogranin A Antibody; CISO\_HUMAN antibody; Citrate synthase antibody; Citrate synthase; mitochondrial antibody; citrate synthetase antibody; Cs antibody; EC 2.3.3 antibody; EC 2.3.3.1 antibody; anti-Chga antibody

## PRODUCT SPECIFICATIONS

|                                                |                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                   |
| Reactivity                                     | Human, Mouse, Rat                                                        |
| Clonality                                      | Polyclonal                                                               |
| Purity/Purification                            | Peptide affinity purified                                                |
| Form/Format                                    | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.   |
| Applicable Applications for anti-Chga antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                      | Peptide                                                                  |
| Conjugation                                    | Unconjugated                                                             |
| Preparation and Storage                        | Store at -20 degree C.                                                   |

## IMAGES



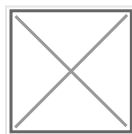
### FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Lovo cells with chromogranin A antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.



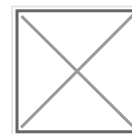
### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue using anti-chromogranin A antibody. Counter stained with hematoxylin.



### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-chromogranin A antibody. Counter stained with hematoxylin.



### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat pancreas tissue using anti-chromogranin A antibody. Counter stained with hematoxylin.



### WB (Western Blot)

Western blot analysis of chromogranin A on PC12 cell lysates using anti-chromogranin A antibody at 1/2000 dilution.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Chga antibody | Chromogranin A is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is located in secretory vesicles of neurons and endocrine cells. Chromogranin A is the precursor to several functional peptides including vasostatin, pancreastatin, catestatin and parastatin. These peptides negatively modulate the neuroendocrine function of the releasing cell (autocrine) or nearby cells (paracrine). Chromogranin A might promote the generation of secretory granules. It is used as an indicator for pancreas and prostate cancer. It might play a role in early neoplastic progression. It is also elevated in diabetes. |
| Product Categories/Family for anti-Chga antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                     |
|----------------------------------|---------------------|
| NCBI GI #                        | 6680932             |
| NCBI GeneID                      | 12652               |
| NCBI Accession #                 | NP_031719.1         |
| NCBI GenBank Nucleotide #        | NM_007693.1         |
| UniProt Accession #              | P26339              |
| Molecular Weight                 | 51,789 Da           |
| NCBI Official Full Name          | chromogranin-A      |
| NCBI Official Synonym Full Names | chromogranin A      |
| NCBI Official Symbol             | Chga                |
| NCBI Official Synonym Symbols    | ChrA                |
| NCBI Protein Information         | chromogranin-A; cgA |
| UniProt Protein Name             | Chromogranin-A      |
| UniProt Gene Name                | Chga                |
| UniProt Entry Name               | CMGA_MOUSE          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chromogranin-a-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/312129>