

Datasheet for ABIN1845525
anti-Chromogranin A antibody (AA 87-252)



[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Chromogranin A (CHGA) |
| Binding Specificity: | AA 87-252 |
| Reactivity: | Human, Mouse |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Chromogranin A antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

| | |
|---------------|--|
| Immunogen: | Purified recombinant fragment of human CHGA (AA: 87-252) expressed in E. coli. |
| Isotype: | IgG1 |
| Purification: | Purified antibody |

Target Details

| | |
|-------------------|---|
| Target: | Chromogranin A (CHGA) |
| Alternative Name: | CHGA (CHGA Products) |
| Background: | 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 |

Target Details

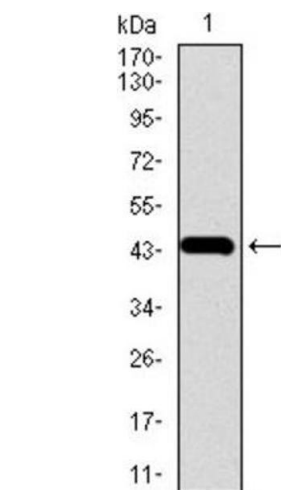
| | |
|-------------------|--|
| | of the neuroendocrine system. Other peptides, including chromostatin, beta-granin, WE-14 and GE-25, are also derived from the full-length protein. However, biological activities for these molecules have not been shown. |
| Molecular Weight: | 50.7 kDa |
| Gene ID: | 1113 |
| Pathways: | Negative Regulation of Hormone Secretion , cAMP Metabolic Process , Regulation of G-Protein Coupled Receptor Protein Signaling |

Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

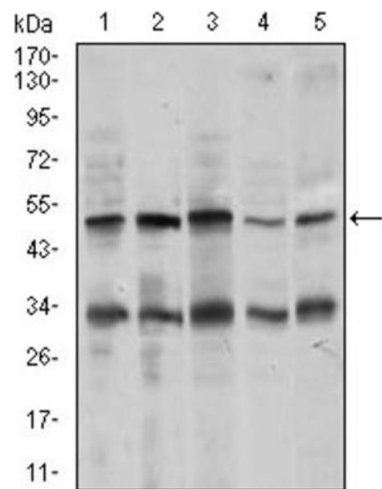
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1.0 mg/mL |
| Buffer: | PBS with 0.05 % sodium azide and 0.5 % protein stabilizer. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles. |



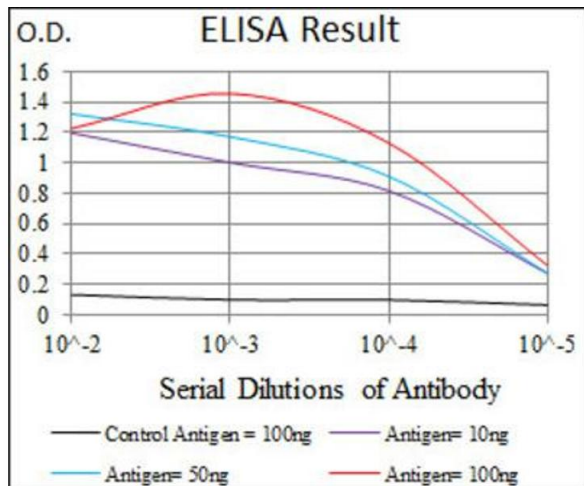
Western Blotting

Image 1.



Western Blotting

Image 2. Western blot analysis using CHGA antibody against MOLT4 (1), SK-N-SH (2), HepG2 (3), PC-12 (4), and C6 (5) cell lysate.



ELISA

Image 3. Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1845525.