

bs-43559R

[Primary Antibody]

CHGA Rabbit pAb

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ANTIBODIES

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DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

GeneID: 12652

SWISS: P26339

Target: CHGA

Immunogen: Recombinant mouse CHGA protein: 272-463/463.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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 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. [provided by RefSeq, Jul 2008].

Applications: WB (1:500-2000)

IHC-P (1:500-1000)

IHC-F (1:500-1000)

IF (1:500-1000)

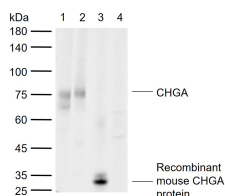
Flow-Cyt (2ug/Test)

Reactivity: Human, Mouse, Rat

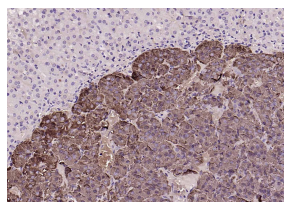
Predicted
MW.: 48 kDa

Subcellular Secreted ,Cell membrane
Location: ,Cytoplasm

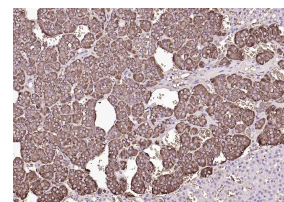
VALIDATION IMAGES



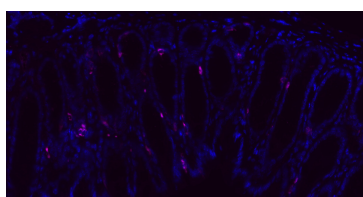
Sample: Lane 1: Mouse Adrenal gland tissue lysates
Lane 2: Rat Adrenal gland tissue lysates
Lane 3: Recombinant mouse CHGA protein, C-His (HEK293)(bs-43559P)
Lane 4: Mouse NIH/3T3 cell lysates (negative control)
Primary: Anti-CHGA (bs-43559R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 48 kDa
Observed band size: 33,76 kDa



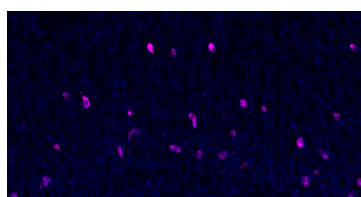
Paraformaldehyde-fixed, paraffin embedded (mouse adrenal gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (CHGA) Polyclonal Antibody, Unconjugated (bs-43559R) at 1:600 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



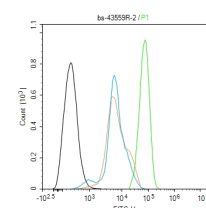
Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (CHGA) Polyclonal Antibody, Unconjugated (bs-43559R) at 1:600 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Small Intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CHGA Polyclonal Antibody, Unconjugated (bs-43559R) at 1:600



Paraformaldehyde-fixed, paraffin embedded Mouse Stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CHGA Polyclonal Antibody, Unconjugated (bs-43559R) at 1:600



Blank control (black line) :SH-SY5Y. Primary Antibody (green line): Rabbit Anti-CHGA antibody (bs-43559R) Dilution:2ug/Test; Secondary Antibody (white/blue line) : Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Isotype

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Purple, bs-0295D-Cy5), DAPI (blue, C02-04002) was used to stain the cell nuclei.

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control (orange line) : Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=4.2]** Xinlei Tao. et al. Effect of monochromatic light on self-renewal and differentiation of intestinal stem cells in broilers. POULTRY SCI. 2025 Jun;;105499 WB ;Chicken. 40701004