

Anti-Chromogranin B/CHGB Antibody

Catalog Number: A04073-3

About CHGB

Chromogranin B is also named as Secretogranin-1, Sgl, CgB, CHGB and SCG1. CHGB, a secretory granule protein, inserts itself into membrane and forms a chloride-conducting channel (PMID: 30456382). Native CHGB distributes nearly equally in soluble and membrane-bound forms, and both reconstitute highly selective anion channels in membrane (PMID: 37435575). The calculated molecular weight of Chromogranin B is at 78kDa. It has been shown that CHGB has a clear degradation band at ~50 kDa (<https://www.biorxiv.org/content/10.1101/2019.12.28.890053v1.full.pdf>).

Overview

| | |
|----------------------|--|
| Product Name | Anti-Chromogranin B/CHGB Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-Chromogranin B/CHGB Antibody catalog # A04073-3. Tested in WB, IHC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IF, IHC, WB |
| Clonality | Polyclonal |
| Formulation | 500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P05060 |

Technical Details

| | |
|---------------------|---|
| Immunogen | E.coli-derived human Chromogranin B/CHGB recombinant protein (Position: T330-S674). |
| Form | Liquid |
| Concentration | 500 ug/ml |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunofluorescence, 1:50-400 ELISA, 1:100-1000 |

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Chromogranin B/CHGB Antibody

For Research Use Only. Not for use in diagnostic procedures.