

## Anti-Secretogranin-1 CHGB Antibody

Catalog Number: A04073-2

### About CHGB

May play a role as endocytotic lectin receptor displaying calcium-dependent lectin activity. Internalizes glycosylated ligands from the extracellular space for release in an endosomal compartment via clathrin-mediated endocytosis. May be involved in plasminogen activation system controlling the extracellular level of PLAUR/PLAU, and thus may regulate protease activity at the cell surface. May contribute to cellular uptake, remodeling and degradation of extracellular collagen matrices. May play a role during cancer progression as well as in other chronic tissue destructive diseases acting on collagen turnover. May participate in remodeling of extracellular matrix cooperating with the matrix metalloproteinases (MMPs).

Behrendt N., J. Biol. Chem. 275:1993-2002(2000).

Sheikh H., J. Cell Sci. 113:1021-1032(2000).

Howard M.J., J. Biol. Chem. 277:32320-32331(2002).<

### Overview

Product Name	Anti-Secretogranin-1 CHGB Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Secretogranin-1 CHGB Antibody catalog # A04073-2. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P05060

### Technical Details

Immunogen	Synthesized peptide derived from human Secretogranin-1
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used: IHC-p 1:50-200, WB 1:500-2000</p>

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