

ARG54577 anti-Chromogranin B antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Chromogranin B
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Specificity	This antibody recognizes rat, mouse, and human chromogranin B.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Chromogranin B
Species	Human
Immunogen	C-terminal 15 amino acids of chromogranin B conjugated to ovalbumin. This sequence is the same in rat, mouse, and human chromogranin B.
Conjugation	Un-conjugated
Alternate Names	CgB; SCG1; Sgl; Secretogranin-1; Secretogranin I; Chromogranin-B

Application Instructions

Application Note	<p>This antibody has been used successfully in Western blot assays (1:100 - 1:500 dilution) and in immunohistochemical identification DILUTION INSTRUCTIONS Dilute in PBS or medium which is identical to that used in the assay system. STORAGE AND STABILITY This antibody is stable for at least one (1) year at - 20°C to - 70°C. Store product in appropriate aliquots to avoid multiple freeze - thaw cycles. REFERENCE Thompson ME et al. 1992. Endocrinology 131: 318 - 326. For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures of chromogranin B (1:100 - 1:500 dilution).</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>
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Properties

Form	Liquid
Purification	whole antiserum
Buffer	whole antiserum
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CHGB
Gene Full Name	chromogranin B
Background	This gene encodes a tyrosine-sulfated secretory protein abundant in peptidergic endocrine cells and neurons. This protein may serve as a precursor for regulatory peptides. [provided by RefSeq, Jan 2009]
Function	Secretogranin-1 is a neuroendocrine secretory granule protein, which may be the precursor for other biologically active peptides. [UniProt]
Research Area	Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	78 kDa
PTM	Extensively processed by limited proteolysis at conserved basic residues. Alternative processing are seen in different tissues (By similarity). O-glycosylated.