

Polyclonal Antibody to Chromogranin B (CHGB)

Chromogranin B
Catalog # AP74661

Product Information

Application	WB
Primary Accession	P23389
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73340

Additional Information

Gene ID	281071
Other Names	SCG1; CgB; SgI; Secretoneurin 1; Secretogranin 1
Target/Specificity	Bos taurus; Bovine (Cattle)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL;1:250-1000 Immunohistochemistry: 5-20 μ g/mL;1:25-100 Immunocytochemistry: 5-20 μ g/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CHGB
Function	Secretogranin-1 is a neuroendocrine secretory granule protein, which may be the precursor for other biologically active peptides. The 16 pairs of basic AA distributed throughout its sequence may be used as proteolytic cleavage sites.
Cellular Location	[Secretogranin-1]: Cytoplasmic vesicle, secretory vesicle membrane; Peripheral membrane protein; Luminal side. Note=Neuroendocrine and endocrine secretory granules. Found to be membrane bound inside the secretory vesicles. The N-terminal region exhibits pH-dependent membrane-binding activity, binds to the membrane at intravesicular pH (5.5) and freed when the pH is near to physiological pH [Secretolytin]: Secreted.

Images

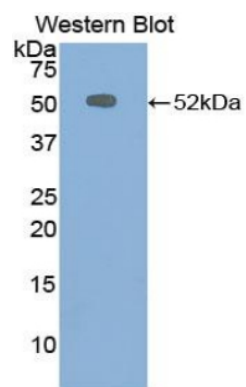


Figure. Western Blot; Sample: Recombinant CHGB, Bovine.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.