

Data Sheet

HUMAN CHROMOGRANIN B [CgB] (aa 16-37)

ANTIBODY, POLYCLONAL

Catalog no.:	AST1013.1 / AST1013.2
Immunogen:	Synthetic human CgB (aa 16-37) KLH-conjugated (CYIEVLSNALSKSSAPPITPEC) <small>Underlined amino acids were substituted or added for technical reasons.</small>
Synonyms:	Secretogranin-1, Chromogranin-B, CgB, Secretogranin I, Sgl
Swiss-Prot No:	P05060
Gene Information:	Gene Name: CHGB GenelD: 1114
Host:	Rabbit
Matrix:	Serum
Specificity:	Human CgB (aa 16-37); bovine, porcine, equine, and sheep CgB (aa 16-37) There was no cross reactivity detected with human CgB peptides (aa 1-16; 153-167; 244-255; 259-270; 312-331; 406-417; 420-432; 480-493; 506-517; 542-552; 555-565; 568-577; 580-593; 622-632; 647-657), human CgA (aa 1-17; 17-38), or intact human or bovine CgA
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	RIA ^{1,3} , Western Blot, immunohistochemistry (paraffin sections, 1:160-1600) ² <small>This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.</small>
Store at:	2-8 °C (lyophilized); -20 °C (dissolved) Repeated thawing and freezing must be avoided
References:	<ol style="list-style-type: none">Stridsberg M, Angeletti RH & Helle KB (2000) Characterisation of N-terminal chromogranin A and chromogranin B in mammals by region-specific radioimmunoassays and chromatographic separation methods. <i>J. Endocrinol.</i> 165: 703-714.Portela-Gomes GM & Stridsberg M (2002) Region-specific antibodies to chromogranin B display various immunostaining patterns in human endocrine pancreas. <i>J. Histochem. Cytochem.</i> 50: 1023-1030.Stridsberg M, Eriksson B, Öberg K & Janson ET (2005) A panel of 13 region-specific radioimmunoassays for measurements of human chromogranin B. <i>Regul. Pept.</i> 125: 193-199



Antibodies

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