

## **Data Sheet**

## HUMAN CHROMOGRANIN B [CgB] (aa 542-552)

## ANTIBODY, POLYCLONAL

Catalog no.:	AST1022.1 / AST1022.2	
Immunogen:	Synthetic human CgB (aa 542-552) KLH-conjugated ( <u>C</u> FFPEYNYDWWE)	
	Underlined amino acids were substituted or added for technical reasons.	
Synonyms:	Secretogranin-1, Chromogranin-B, CgB, Secretogranin I, Sgl	100 M
Swiss-Prot No:	P05060	
Gene Information:	Gene Name: CHGB	
	GenelD: 1114	
Host:	Rabbit	<b>Figure 1:</b> Immunofluorescence image of Chromogranin B staining in paraffin section of human pan- creatic islet. The section was incuba- ted with a mixture of an anti-insulin antibody and AST1022 (1:80) at room temperature overnight, follo- wed by appropriate secondary anti- bodies coupled to FITC or Texas Red. Insulin (green) and CgB 542-552 (red) colocalize in most alpha-cells (yellow). Scale bar = 53 µm.
Matrix:	Serum	
Specificity:	Human CgB (aa 542-552)	
	There was no cross reactivity detected with human CgB peptides (aa 1-16; 16-37; 153-167; 244-255; 259-270; 312- 331; 406-417; 420-432; 480-493; 506-517; 555-565; 568- 577; 580-593; 622-632; 647-657).	
Contents:	20 μl / 100 μl (lyophilized)	Portela-Gomes GM et al. (2002) J Histochem Cytochem 50: 1023-1030.
	Resuspend in 20 μl / 100 μl aqua bidest.	
Known applications:	Western Blot, immunohistochemistry (paraffin sections, 1:80-800) <sup>1</sup> 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.	
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided	
References:	<ul> <li>Portela-Gomes GM &amp; Stridsberg M (2002) Region-specific antibodies to chromogranin B display various immunostaining patterns in human endocrine pancreas. J. Histochem. Cytochem. 50: 1023–1030.</li> <li>Stridsberg M, Eriksson B, Öberg K &amp; Janson ET (2005) A panel of 13 region-specific radioimmunoassays for measurements of human chromogranin B. Regul. Pept. 125: 193–199.</li> </ul>	
Last updated on:	4 May 2022	
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