

## Data Sheet

# HUMAN CHROMOGRANIN B [CgB] (aa 312-331)

## ANTIBODY, POLYCLONAL

<b>Catalog no.:</b>	AST1017.1 / AST1017.2
<b>Immunogen:</b>	Synthetic human CgB (aa 312-331) KLH-conjugated (YRASEEEPEYGEEIKGYPGV)
<b>Synonyms:</b>	Secretogranin-1, Chromogranin-B, CgB, Secretogranin I, Sgl
<b>Swiss-Prot No:</b>	P05060
<b>Gene Information:</b>	Gene Name: CHGB GenelID: 1114
<b>Host:</b>	Rabbit
<b>Matrix:</b>	Serum
<b>Specificity:</b>	Human CgB (aa 312-331)  There was no cross reactivity detected with human CgB peptides (aa 1-16; 16-37; 153-167; 244-255; 259-270; 406-417; 420-432; 480-493; 506-517; 542-552; 555-565; 568-577; 580-593; 622-632; 647-657).
<b>Contents:</b>	20 µl / 100 µl (lyophilized)  Resuspend in 20 µl / 100 µl aqua bidest.
<b>Known applications:</b>	RIA <sup>2,4</sup> , Western Blot, immunohistochemistry (paraffin sections, 1:40-400) <sup>1,3</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.
<b>Store at:</b>	2-8 °C (lyophilized); -20 °C (dissolved)  Repeated thawing and freezing must be avoided
<b>References:</b>	<ol style="list-style-type: none"> <li>Stridsberg M, Oberg K, Li Q, Engstrom U &amp; Lundqvist G (1995) Measurements of chromogranin A, chromogranin B (secretogranin I), chromogranin C (secretogranin II) and pancreastatin in plasma and urine from patients with carcinoid tumours and endocrine pancreatic tumours. <i>J. Endocrinol.</i> <b>144</b>: 49-59.</li> <li>Stridsberg M, Angeletti RH &amp; 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> <b>165</b>: 703-714.</li> <li>Portela-Gomes GM &amp; Stridsberg M (2002) Region-specific antibodies to chromogranin B display various immunostaining patterns in human endocrine pancreas. <i>J. Histochem. Cytochem.</i> <b>50</b>: 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. <i>Regul. Pept.</i> <b>125</b>: 193-199</li> </ol>

A horizontal banner with six segments: an orange square with the word 'Antibodies', a microscopic image of cells, a light green square, a yellow-green microscopic image of cells, a light blue square, and a yellow square with the 'immun Diagnostik' logo.

Antibodies

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