

product **IMS01-126-301**  
**CHGA | Chromogranin A**

### product information

<b>background</b>	<b>Chromogranin A</b> (a protein of 457 amino acids which is encoded on chromosome 14) is present in neuroendocrine cells throughout the body, including the neuroendocrine cells of the large and small intestine, adrenal medulla and pancreatic islets. It is an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors. Coexpression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms.
<b>immunogen</b>	purified full length native protein <a href="#">P10645</a>
<b>antibody format</b>	hen; polyclonal; total IgY in 0.9 % NaCl, 0.1 % sodium azide; liquid
<b>quantity</b>	200 µl
<b>storage</b>	store at 4 °C; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
<b>tested applications</b>	Western blot (WB), ELISA (ELISA)
<b>additional information</b>	IgY fraction at 12.2 mg/ml. IgY fraction was isolated by a two-step PEG precipitation procedure followed by ammonium sulphate precipitation

### application information

<b>recommended dilution</b>	1: 1000 - 1: 5000 with standard ECL (WB), 1: 1000 - 1: 5000 (ELISA)
<b>expected   apparent MW</b>	51 kDa
<b>confirmed reactivity</b>	human
<b>predicted reactivity</b>	human
<b>not reactive in</b>	no confirmed exceptions from predicted reactivity known in the moment
<b>additional information</b>	antibodies are specific against chromogranin A when tested in immunoblotting against urine from patients with carcinoid tumours
<b>selected references</b>	to be added when available