

## Product Datasheet

# Recombinant Chromogranin A Antibody / Rabbit Monoclonal (orb386168)

<b>Catalog Number</b>	orb386168
<b>Category</b>	Antibodies
<b>Description</b>	<p>Chromogranin A 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. Co-expression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms. Reportedly, co-expression of certain keratins and chromogranin indicates neuroendocrine lineage. The presence of strong anti-chromogranin staining and absence of anti-keratin staining should raise the possibility of paraganglioma. The co-expression of chromogranin and NSE is typical of neuroendocrine neoplasms. Most pituitary adenomas and prolactinomas readily express chromogranin.</p>
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
<b>Purification</b>	Protein A affinity chromatography
<b>Immunogen</b>	Recombinant human protein was used as the immunogen for the recombinant Chromogranin A antibody.

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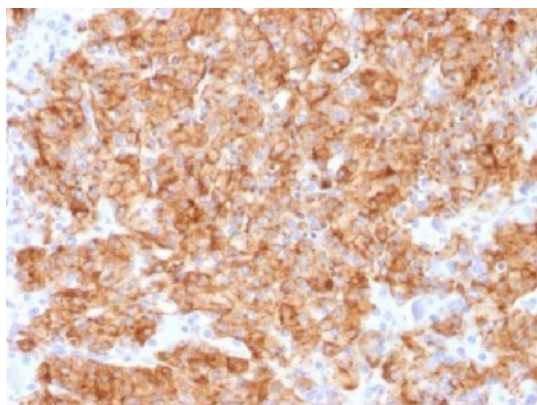
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<b>UniProt ID</b>	<b>P10645</b>
<b>Tested applications</b>	IHC-P
<b>Dilution range</b>	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
<b>Application notes</b>	Optimal dilution of the recombinant Chromogranin A antibody should be determined by the researcher.1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	CHGA/1773R
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC analysis of FFPE human parathyroid gland stained with recombinant Chromogranin A antibody (clone CHGA/1773R). Required HIER: steam sections in pH6 citrate buffer for 10-20 min.

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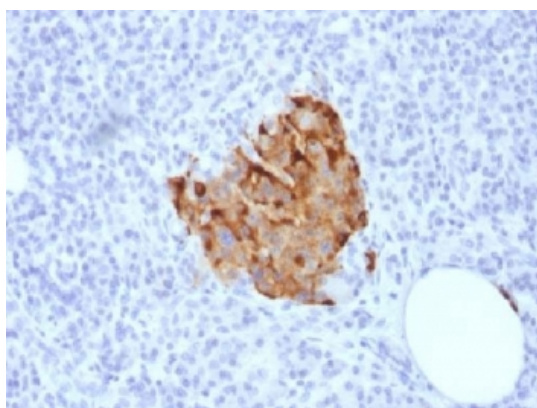
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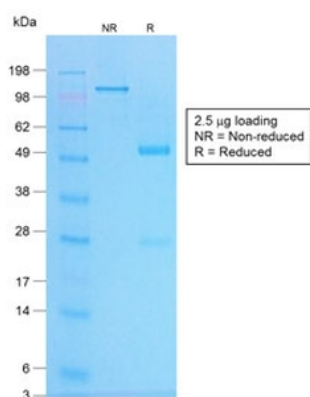
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IHC analysis of FFPE human pancreas stained with recombinant Chromogranin A antibody (clone CHGA/1773R). Required HIER: steam sections in pH6 citrate buffer for 10-20 min.



SDS-PAGE analysis of purified, BSA-free recombinant Chromogranin A antibody (clone CHGA/1773R) as confirmation of integrity and purity.

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