



# Rabbit Anti-Human CHGA Monoclonal Antibody, clone CQ7230 (CABT-Z284R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide corresponding to residues within aa400 to aa600 of Chromogranin A was used as an immunogen.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	CQ7230
<b>Purification</b>	ProA affinity purified IgG.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P Recommended concentration: IHC-P: 1:100-1:200
<b>Molecular Weight</b>	51 kDa
<b>Cellular Localization</b>	Cytoplasm
<b>Positive Control</b>	Colon
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl

<b>Buffer</b>	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	Store at -20 °C. Avoid freeze/thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	<p>Chromogranin A (CGA) is an acidic protein which is reported to be widely expressed in neural tissues and in secretory granules of human endocrine cells eg parathyroid gland, adrenal medulla, anterior pituitary gland, islet cells of the pancreas and C cells of the thyroid.</p> <p>CGA is found in the large majority of epithelial NE tumours: pituitary adenomas, parathyroid and pancreatic islet cell tumours, medullary thyroid carcinoma, and carcinoid tumours.</p> <p>Together with synaptophysin, CGA is the most important marker for the identification of NE and neuronal tumours and NE/neuronal differentiation in other tumours.</p>
<b>Keywords</b>	<p>CHGA; chromogranin A (parathyroid secretory protein 1); CGA; chromogranin-A; SPI; catestatin; chromofungin; pituitary secretory protein I; parathyroid secretory protein 1; betagranin (N-terminal fragment of chromogranin A)</p>

## GENE INFORMATION

<b>Gene Name</b>	CHGA
<b>Entrez Gene ID</b>	<a href="#">1113</a>
<b>UniProt ID</b>	<a href="#">P10645</a>