



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

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

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

BACKGROUND

Introduction	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. 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. Together with synaptophysin, CGA is the most important marker for the identification of NE and neuronal tumours and NE/neuronal differentiation in other tumours.
Keywords	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)

GENE INFORMATION

Gene Name	CHGA
Entrez Gene ID	1113
UniProt ID	P10645