



Anti-CHGA (internal region) polyclonal antibody (CPBT-66666GH)

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

PRODUCT INFORMATION

Product Overview

This product specifically recognises human chromogranin A, a 50kDa secretory glycoprotein and member of the chromogranin/secretogranin family, expressed by secretory vesicles of endocrine and neuroendocrine cells. Chromogranin A is a precursor for the functional peptides pancreastatin, vasostatin, parastatin and catestatin, which act as negative modulators of hormone and neurotransmitter release in the neuroendocrine system. The measurement of elevated serum levels of chromogranin A is used diagnostically for detecting and monitoring carcinoid (neuroendocrine) tumours, and correlates with a poor prognosis in patients with prostate cancer. Western Blotting detects a band of approximately 50kDa in human kidney cell lysates.

Specificity	CHGA
Immunogen	Peptide sequence C-QGAKERAHQQKKH from the internal region of chromogranin A (NP_001266.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide

Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CHGA chromogranin A (parathyroid secretory protein 1) [Homo sapiens (human)]
Official Symbol	CHGA
Synonyms	CHGA; chromogranin A (parathyroid secretory protein 1); CGA; chromogranin-A; SP-I; catestatin; chromofungin; pituitary secretory protein I; parathyroid secretory protein 1; betagranin (N-terminal fragment of chromogranin A);
Entrez Gene ID	1113
Protein Refseq	NP_001266
UniProt ID	P10645
Chromosome Location	14q32