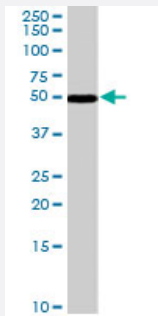


CHGA polyclonal antibody

Catalog # PAB7042

Size 100 ug

Applications



Western Blot (Tissue lysate)

CHGA polyclonal antibody (Cat # PAB7042) (0.1 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of CHGA.

Immunogen A synthetic peptide corresponding to human CHGA.

Sequence C-QGAKERAHQKKH

Host Goat

Theoretical MW (kDa) 50.7

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:4000)
 Western Blot (0.1-0.3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

CHGA polyclonal antibody (Cat # PAB7042) (0.1 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CHGA

Entrez GeneID	1113
Protein Accession#	NP_001266.1
Gene Name	CHGA
Gene Alias	CGA
Gene Description	chromogranin A (parathyroid secretory protein 1)
Omim ID	118910
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. This gene product is a precursor to three biologically active peptides; vasostatin, pancreastatin, and parastatin. These peptides act as autocrine or paracrine negative modulators of the neuroendocrine system. Other peptides, including chromostatin, beta-granin, WE-14 and GE-25, are also derived from the full-length protein. However, biological activities for these molecules have not been shown. [provided by RefSeq]
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Other Designations	betagranin (N-terminal fragment of chromogranin A) chromogranin A parathyroid secretory protein 1
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Publication Reference

- [Treatment of pancreatic carcinoma by adenoviral mediated gene transfer of vasostatin in mice.](#)

Li L, Yuan YZ, Lu J, Xia L, Zhu Y, Zhang YP, Qiao MM.

Gut 2006 Feb; 55(2):259.

Application: WB-Tr, Human, PaTu8988, SW1990 cells, Brain

Disease

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