BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Chr-A Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01781
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Chr-A. AA range:311-360
Mol wt	50730
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Chr-A Antibody
Synonyms	CHGA; Chromogranin-A; CgA; Pituitary secretory protein I; SP-I

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Chromogranin A encoded by CHGA is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. It is found in secretory vesicles of neurons and endocrine cells. CHGA 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. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for CHGA.

Recommended Dilution

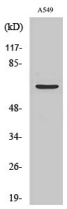
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

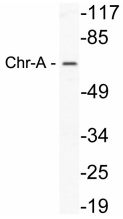
ELISA: 1: 10000

Not yet tested in other applications.

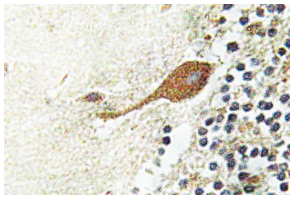
Images



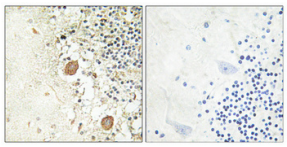
Western Blot analysis of various cells using Chr-A Polyclonal Antibody



Western blot analysis of lysate from A549 cells, using Chr-A antibody.



Immunohistochemistry analysis of Chr-A antibody in paraffin-embedded human brain tissue.



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Storage

-20°C for one year

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