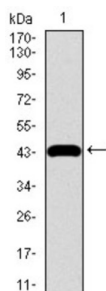
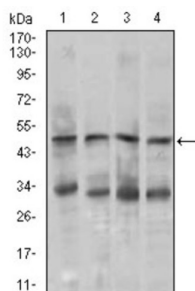


Chromogranin A (CHGA) Antibody

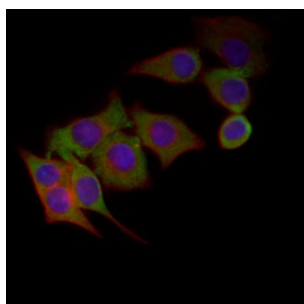
Catalogue No.: abx015817



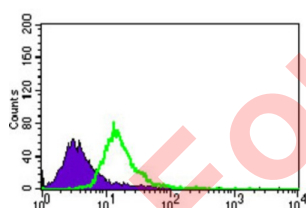
Western blot analysis using CHGA antibody against human CHGA recombinant protein. (Expected MW is 43.6 kDa).



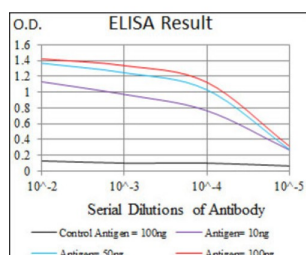
Western blot analysis using CHGA antibody against (1) MOLT4, (2) SK-N-SH, (3) HepG2, and (4) PC-12 cell lysates.



Immunofluorescence analysis of HepG2 cells using CHGA antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Flow cytometric analysis of HeLa cells using CHGA antibody (green) and negative control (purple).



ELISA analysis. Red: Control Antigen (100 ng); Purple: Antigen (10 ng); Green: Antigen (50 ng); Blue: Antigen (100 ng).

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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.

Target:	Chromogranin A (CHGA)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IF/ICC: 1/50, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human CHGA (87-252 AA) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P10645 (UniProt , ExPASy)
Gene Symbol:	CHGA
GeneID:	1113
OMIM:	118910
HGNC:	1929
KEGG:	hsa:1113
Ensembl:	ENSG00000100604

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String: [9606.ENSPO0000216492](#)

Molecular Weight: 50.7 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only