

## CHGA Antibody

Catalog No: #40307

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

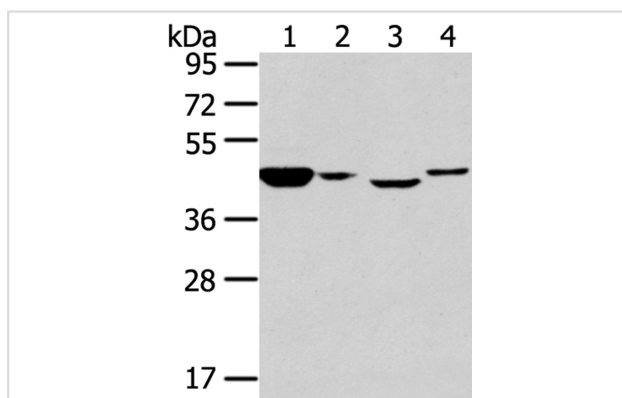
Product Name	CHGA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CHGA protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human chromogranin A (parathyroid secretory protein 1)
Target Name	CHGA
Other Names	CGA
Accession No.	Swiss-Prot:P10645 Gene Accssion:NP_001266
Uniprot	P10645
GeneID	1113;
SDS-PAGE MW	51KD
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry:1:25-1:100

## Images



Gel: 8%SDS-PAGE

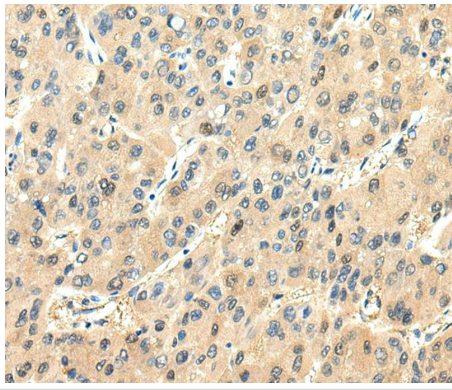
Lysates (from left to right): A549 and 293T cell, human normal kidney tissue and hela cell

Amount of lysate: 40ug per lane

Primary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #40307 at dilution 1/20.

## Background

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. Two other peptides, catestatin and chromofungin, have antimicrobial activity and antifungal activity, respectively. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only