

## Product datasheet for TA506094

### Chromogranin A (CHGA) Mouse Monoclonal Antibody [Clone ID: OTI2F2]

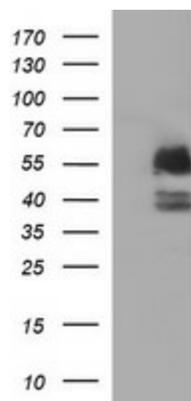
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2F2
Applications:	IF, IHC, WB
Recommend Dilution:	WB 1:4000, IHC 1:500, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CHGA(NP_001266) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	48.9 kDa
Gene Name:	chromogranin A
Database Link:	<a href="#">NP_001266 Entrez Gene 1113 Human</a>
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. 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, Jul 2008]
Synonyms:	CGA
Protein Families:	Druggable Genome, Secreted Protein



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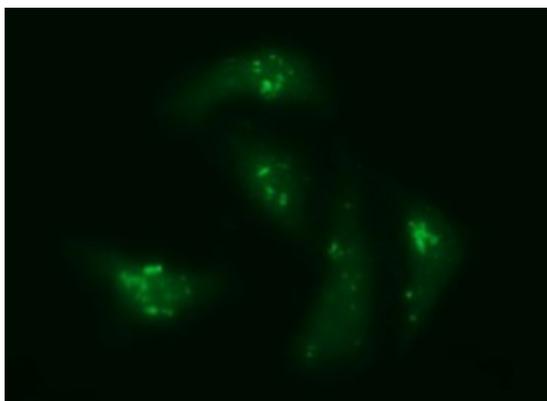
## Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CHGA ([RC200492], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CHGA. Positive lysates [LY400511] (100ug) and [LC400511] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-CHGA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506094)



Immunofluorescent staining of HeLa cells using anti-CHGA mouse monoclonal antibody (TA506094).