

## 36-2081: Anti-Chromogranin A / CHGA (Neuroendocrine Marker) Polyclonal Antibody

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	ELISA,FACS,IF,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	CHGA
<b>Gene ID :</b>	1113
<b>Uniprot ID :</b>	P10645
<b>Alternative Name :</b>	Beta-Granin; CGA; CHGA; Chromogranin A Parathyroid Secretory Protein 1; ER-37; Pancreastatin; Parastatin; Parathyroid Secretory Protein 1; Pituitary Secretory Protein I; SP-I; Vasostatin I or II
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant human chromogranin A protein

### Description

Chromogranin A is present in neuroendocrine cells throughout the body, including the neuroendocrine cells of the large and small intestine, adrenal medulla and pancreatic islets. It is an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors. Co-expression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms. Reportedly, co-expression of certain keratins and chromogranin indicates neuroendocrine lineage. The presence of strong anti-chromogranin staining and absence of anti-keratin staining should raise the possibility of paraganglioma. The co-expression of chromogranin and NSE is typical of neuroendocrine neoplasms. Most pituitary adenomas and prolactinomas readily express chromogranin.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200µg/ml of Ab Purified by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months.

### Application Note

ELISA (For coating use Ab at 1-5ug/ml, order Ab without BSA);,Flow Cytometry (1-2ug/million cells); ,Immunofluorescence (1-2ug/ml). ;Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

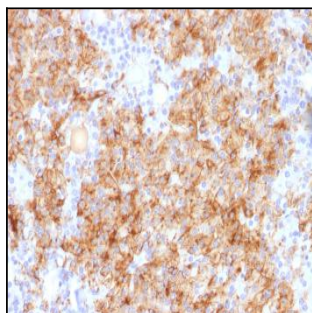


Fig.1: Formalin-fixed, paraffin-embedded human Parathyroid stained with Chromogranin A Rabbit Polyclonal Antibody.