

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07271 - Goat Anti-Chromogranin A precursor Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** chromogranin A precursor, chromogranin A (parathyroid secretory protein 1), CHGA, CGA, parathyroid secretory protein 1, Vasostatin, Pancreastatin, Parastatin, Pituitary secretory protein I, SP1

**Official Symbol:** CHGA

**Accession Number(s):** NP\_001266.1

**Human GeneID(s):** [1113](#)

### Immunogen

Peptide with sequence C-QGAKERAHQKKH, from the internal region of the protein sequence according to NP\_001266.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 50kDa band observed in Human Kidney lysates (calculated MW of 50.7 kDa according to NP\_001266.1). Recommended concentration: 0.1-0.3µg/ml.

**IHC:** Paraffin embedded Human Pancreas and Small Intestine. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB07271 (0.1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB07271 (3.75µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB07271 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.