

## UK Office

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

## EB09314 - Goat Anti-CENTG1 / PIKE Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CENTG1, centaurin, gamma 1, AGAP2, FLJ16430, GGAP2, KIAA0167, PIKE, Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 2, GTP-binding and GTPase activating protein 2, centaurin gamma1, phosphoinositide 3-kinase enhancer

**Official Symbol:** AGAP2

**Accession Number(s):** NP\_055585.1

**Human GeneID(s):** [116986](#)

**Important Comments:** This antibody is expected to recognize isoform PIKE-S (NP\_055585.1).

### Immunogen

Peptide with sequence C-QASLDSIREAVINSQ, from the internal region of the protein sequence according to NP\_055585.1.

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 1:8000.

**Western blot:** Approx 100kDa band observed in Human Brain (Amygdala and Cerebral Cortex) lysates (calculated MW of 90.5kDa according to NP\_055585.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Thyroid and Kidney. Recommended concentration: 3.75µg/ml.

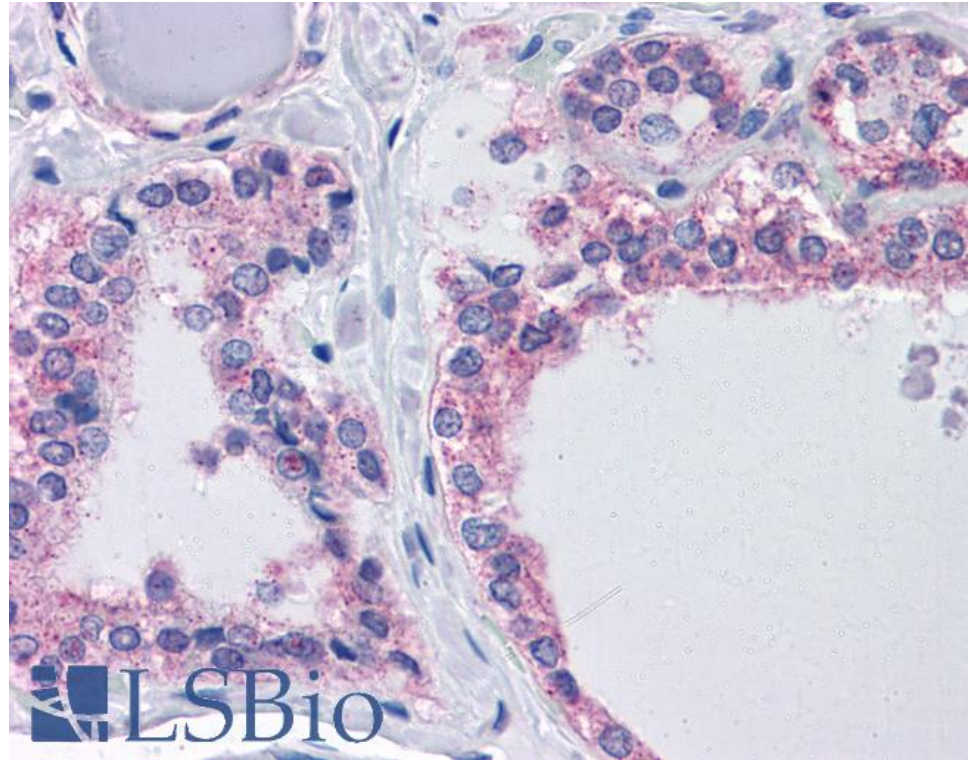
### Species Reactivity

**Tested:** Human

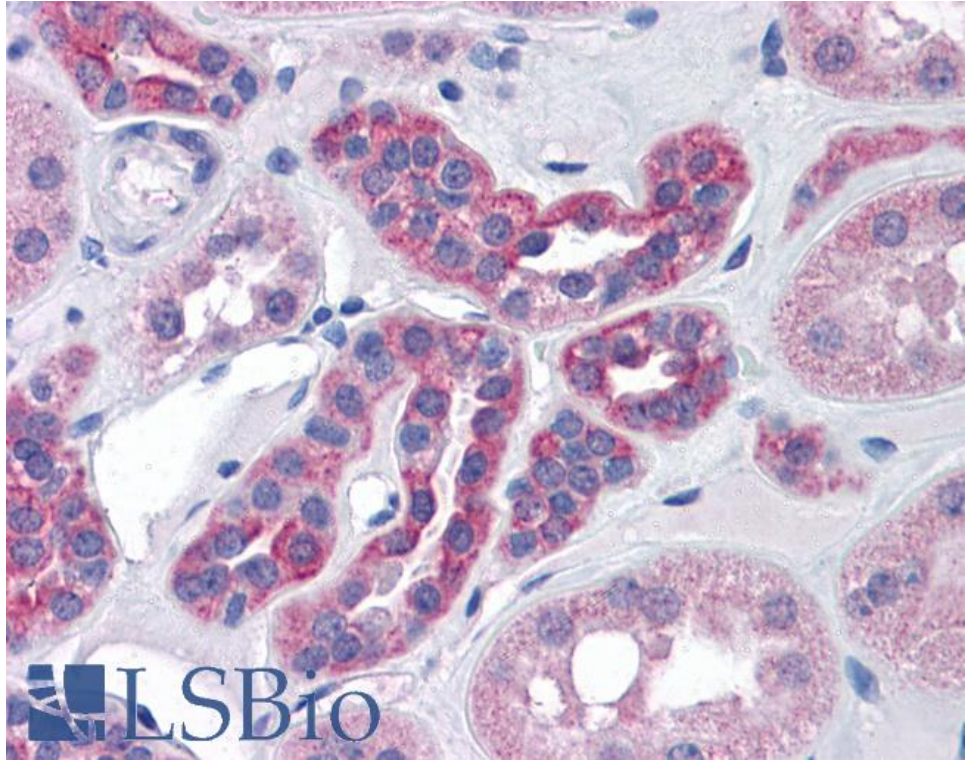
**Expected from sequence similarity:** Human



EB09314 (0.3 $\mu$ g/ml) staining of Human Amygdala lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB09314 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09314 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.