

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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 GenelD(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.

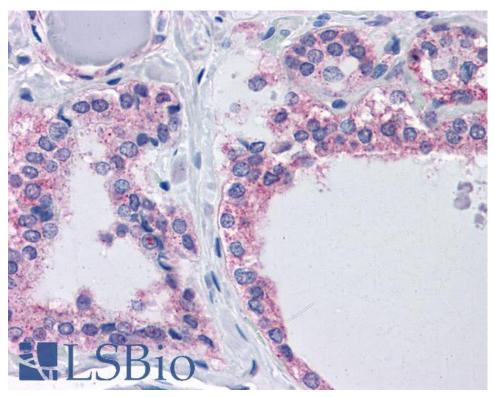
Species Reactivity

Tested: Human

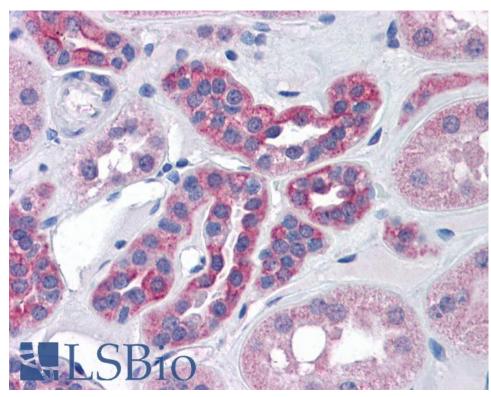
Expected from sequence similarity: Human



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



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



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