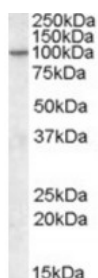




## PIKE Antibody

CATALOG NUMBER: 46-997



Western blot analysis of PIKE in human amygdala lysate (35 ug protein in RIPA buffer) using PIKE Antibody at 0.3 ug/mL.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:8000. Western Blot: Approximately 100 kDa band observed in human brain (amygdala and cerebral cortex) lysates (calculated MW of 90.5 kDa according to NP_055585.1). Recommended concentration: 0.3-1 ug/mL.
<b>POSITIVE CONTROL:</b>	1) Cat. No. XBL-10131 - Human Amygdala Tissue Lysate
<b>SPECIFICITY:</b>	This antibody is expected to recognize isoform PIKE-S (NP_055585.1).
<b>IMMUNOGEN:</b>	PIKE antibody was raised against a 15 amino acid synthetic peptide near the internal region of PIKE.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	PIKE antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PIKE antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	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, CENTG1, RP11-571M6.8
<b>ACCESSION NO.:</b>	NP_055585.1
<b>PROTEIN GI NO.:</b>	7661962

**OFFICIAL SYMBOL:** AGAP2

**GENE ID:** 116986

### Background

**REFERENCES:** 1) Liu Z, Jang SW, Liu X, Cheng D, Peng J, Yepes M, Li XJ, Matthews S, Watts C, Asano M, Hara-Nishimura I, Luo HR, Ye K. Neuroprotective actions of PIKE-L by inhibition of SET proteolytic degradation by asparagine endopeptidase. Mol. Cell 2008 Mar 29 (6): 665-78.

**FOR RESEARCH USE ONLY**

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