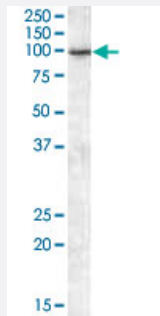


# AGAP2 polyclonal antibody

Catalog # PAB14141      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

AGAP2 polyclonal antibody (Cat # PAB14141) (0.3 ug/mL) staining of human amygdala lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of AGAP2.
<b>Immunogen</b>	A synthetic peptide corresponding to human AGAP2.
<b>Sequence</b>	C-QASLDSIREAVINSQ
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	90.5
<b>Reactivity</b>	Human
<b>Specificity</b>	Approx 100 KDa band observed in human brain (amygdala and cerebral cortex) lysates (calculated MW of 90.5 KDa according to NP_055585.1).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL

<b>Recommend Usage</b>	ELISA (1:8000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

AGAP2 polyclonal antibody (Cat # PAB14141) (0.3 ug/mL) staining of human amygdala lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — AGAP2

<b>Entrez GeneID</b>	<a href="#">116986</a>
<b>Protein Accession#</b>	<a href="#">NP_055585.1</a>
<b>Gene Name</b>	AGAP2
<b>Gene Alias</b>	CENTG1, FLJ16430, GGAP2, KIAA0167, PIKE
<b>Gene Description</b>	ArfGAP with GTPase domain, ankyrin repeat and PH domain 2
<b>Omim ID</b>	<a href="#">605476</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	O
<b>Other Designations</b>	Arf GAP with GTP-binding protein-like, ANK repeat and PH domains 2 GTP-binding and GTPase activating protein 2 centaurin, gamma 1 phosphoinositide 3-kinase enhancer

## Publication Reference

- [Neuroprotective actions of PIKE-L by inhibition of SET proteolytic degradation by asparagine endopeptidase.](#)

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.  
Molecular Cell 2008 Mar; 29(6):665.

Application: WB, Rat, Rat cortical neurons

## Pathway

- [Endocytosis](#)

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)