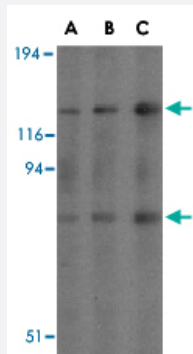


AGAP2 polyclonal antibody

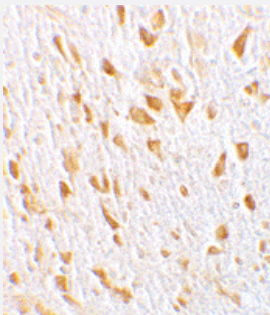
Catalog # PAB12921 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of AGAP2 in mouse brain tissue lysates with AGAP2 polyclonal antibody (Cat # PAB12921) at (A) 0.5, (B) 1, and (C) 2 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of AGAP2 in mouse brain tissue with AGAP2 polyclonal antibody (Cat # PAB12921) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AGAP2.
Immunogen	A synthetic peptide corresponding to C-terminus 15 amino acids of human AGAP2.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	Anti-PIKE will detect both PIKE-L and PIKE-A isoforms.
Form	Liquid

Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of AGAP2 in mouse brain tissue lysates with AGAP2 polyclonal antibody (Cat # PAB12921) at (A) 0.5, (B) 1, and (C) 2 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of AGAP2 in mouse brain tissue with AGAP2 polyclonal antibody (Cat # PAB12921) at 10 ug/mL .

Gene Info — AGAP2

Entrez GeneID	116986
Protein Accession#	AAM97540
Gene Name	AGAP2
Gene Alias	CENTG1, FLJ16430, GGAP2, KIAA0167, PIKE
Gene Description	ArfGAP with GTPase domain, ankyrin repeat and PH domain 2
Omim ID	605476
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	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

- [PIKE \(phosphatidylinositol 3-kinase enhancer\)-A GTPase stimulates Akt activity and mediates cellular invasion.](#)

Ahn JY, Rong R, Kroll TG, Van Meir EG, Snyder SH, Ye K.

The Journal of Biological Chemistry 2004 Apr; 279(16):16441.

Application: IF, WB-Ce, Human, NGP-127, CRL-2061, U87MG, LN487, LN382, LNZ308 cells

- [PI3 kinase enhancer-Homer complex couples mGluRI to PI3 kinase, preventing neuronal apoptosis.](#)

Rong R, Ahn JY, Huang H, Nagata E, Kalman D, Kapp JA, Tu J, Worley PF, Snyder SH, Ye K.

Nature Neuroscience 2003 Nov; 6(11):1153.

Application: IF, WB-Ti, Rat, Rat brains

- [Cytohesins and centaurins: mediators of PI 3-kinase-regulated Arf signaling.](#)

Jackson TR, Kearns BG, Theibert AB.

Trends in Biochemical Sciences 2000 Oct; 25(10):489.

Pathway

- [Endocytosis](#)

Disease

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