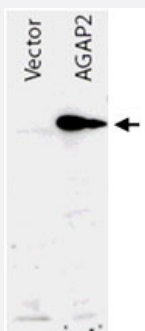


AGAP2 polyclonal antibody

Catalog # PAB9929

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot using AGAP2 polyclonal antibody (Cat # PAB9929) shows detection of AGAP2 recombinant protein in transfected HEK293 cell lysates. No specific band staining is noted in mocktransfected cell lysates (empty vector).

The membrane was probed with the primary antibody diluted to 1 : 10,000. Personal Communication, Paul Randazzo, CCR-NCI, Bethesda, MD.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant AGAP2.
Immunogen	Recombinant protein corresponding to amino acids 1-836 of human AGAP2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Lyophilized
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA (1:40000-1:200000) Western Blot (1:5000-1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. 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 (Transfected lysate)

Western blot using AGAP2 polyclonal antibody (Cat # PAB9929) shows detection of AGAP2 recombinant protein in transfected HEK293 cell lysates.

No specific band staining is noted in mocktransfected cell lysates (empty vector).

The membrane was probed with the primary antibody diluted to 1 : 10,000.

Personal Communication, Paul Randazzo, CCR-NCI, Bethesda, MD.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AGAP2

Entrez GeneID	116986
Protein Accession#	NP_055585:Q99490
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

- [The Arf GAPs AGAP1 and AGAP2 distinguish between the adaptor protein complexes AP-1 and AP-3.](#)

Nie Z, Fei J, Premont RT, Randazzo PA.

Journal of Cell Science 2005 Aug; 118(Pt 15):3555.

Application: WB, Human, A-549, AGS, HepG2, Mel14, SKOV3, SUM149, U87, VW373 cells

- [PIKE-A is amplified in human cancers and prevents apoptosis by up-regulating Akt.](#)

Ahn JY, Hu Y, Kroll TG, Allard P, Ye K.

PNAS 2004 May; 101(18):6993.

Application: WB, Human, CRL-2061, LN229, LN-Z308, NGP127, SF188, TP366, U87MG cells

- [GGAPs, a new family of bifunctional GTP-binding and GTPase-activating proteins.](#)

Xia C, Ma W, Stafford LJ, Liu C, Gong L, Martin JF, Liu M.

Molecular and Cellular Biology 2003 Apr; 23(7):2476.

Pathway

- [Endocytosis](#)

Disease

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