

anti- AGAP2 antibody

Product Information

Catalog No.:	FNab00205
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

GTPase-activating protein(GAP) for ARF1 and ARF5, which also shows strong GTPase activity. Isoform 1 participates in the prevention of neuronal apoptosis by enhancing PI3 kinase activity. It aids the coupling of metabotropic glutamate receptor 1(GRM1) to cytoplasmic PI3 kinase by interacting with Homer scaffolding proteins, and also seems to mediate anti-apoptotic effects of NGF by activating nuclear PI3 kinase. Isoform 2 does not stimulate PI3 kinase but may protect cells from apoptosis by stimulating Akt. It also regulates the adapter protein 1(AP-1)-dependent trafficking of proteins in the endosomal system. It seems to be oncogenic. It is overexpressed in cancer cells, prevents apoptosis and promotes cancer cell invasion.

Immunogen information

Immunogen:	ArfGAP with GTPase domain, ankyrin repeat and PH domain 2
Synonyms:	AGAP 2, AGAP2, Centaurin gamma 1, CENTG1, Cnt g1, FLJ16430, GGAP2, KIAA0167, PIKE
Observed MW:	125 kDa
UniprotID :	Q99490

Application

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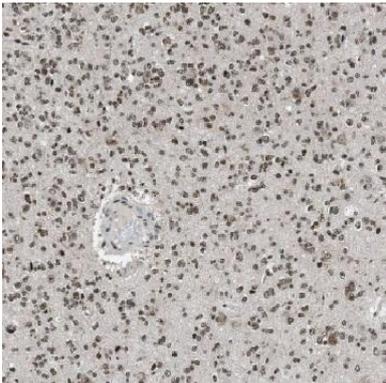
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

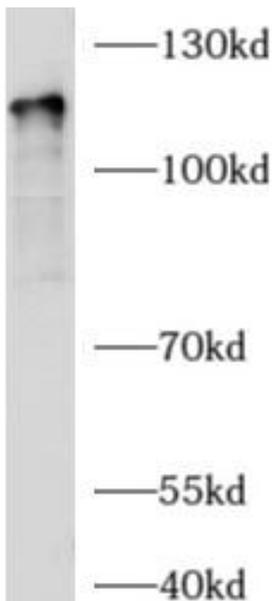
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:5000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human gliomas using FNab00205(AGAP2 antibody) at dilution of 1:100



human brain tissue were subjected to SDS PAGE followed by western blot with FNab00205(AGAP2 antibody) at dilution of 1:500

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