



# AGAP2 rabbit pAb

货号	YP-Ab-18095
同位型	IgG
应用	WB
种属	Human;Mouse;Rat
靶点	AGAP2
基因名称	AGAP2 CENTG1 KIAA0167
蛋白名称	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2 (AGAP-2) (Centaurin-gamma-1) (Cnt-g1) (GTP-binding and GTPase-activating protein 2) (GGAP2) (Phosphatidylinositol 3-kinase enhancer)
免疫原	Synthesized peptide derived from human AGAP2
特异性	This antibody detects endogenous levels of AGAP2 at Human, Mouse,Rat
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	131kD
功能	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.
细胞定位	[Isoform 1]: Cytoplasm. Nucleus.; [Isoform 2]: Cytoplasm.
组织表达	Isoform 1 is brain-specific. Isoform 2 is ubiquitously expressed, with highest levels in brain and heart.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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