

## CENTG1 Antibody (C-term)

Catalog_no :	AB0854
Applications :	WB, IHC-P, FC
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:850-877
Specificity :	This CENTG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 850-877 amino acids from the C-terminal region of human CENTG1.
Dilution :	WB,1:2000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	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, PIKE, AGAP2, CENTG1, KIAA0167
Isotype :	Rabbit Ig
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.
reference :	Shiba, Y., et al. J. Cell. Sci. 123 (PT 14), 2381-2390 (2010) ; Zhu, Y., et al. J. Biol. Chem. 284(20):13489-13496(2009) Cai, Y., et al. Cancer Res. 69(3):819-827(2009) Tang, X., et al. Nat. Cell Biol. 10(6):698-706(2008) Liu, R., et al. Proc. Natl.