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GIT1 Polyclonal Antibody

Cat #: ABP51427 Size: 30μl /100μl /200μl

Product Information

	Product Name: GIT1 Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	**Catalog Number:** ABP51427	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: ARF GTPase-activating protein GIT1 is an enzyme that in humans is encoded by the GIT1 gene. GIT1 contains an ARFGAP domain, Anykrin repeats and a GRK-interacting domain. The Arf-GAP domain, which enables it to act as a GTPase activating protein (GAP) for the Arf family of GTPases, has been shown to be involved in phosphorylation and inhibition of the ADRB2. If synaptic localization of GIT1 is disturbed, then this is known to affect dendritic spine morphology and formation---this is thought to occur through the Rac1/PAK1/LIMK/CFL1 pathway.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

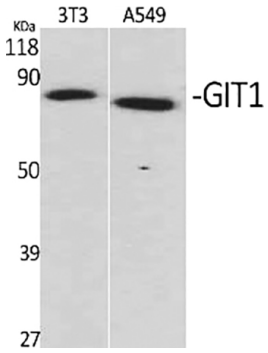
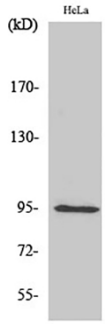


Fig.1. Western Blot analysis of various cells using GIT1 Polyclonal Antibody.

	Fig.2. Western Blot analysis of HepG2 cells using GIT1 Polyclonal Antibody.

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