



GIT2 Polyclonal Antibody

Cat #: ABP51428

Size: 30µl /100µl /200µl

Product Information

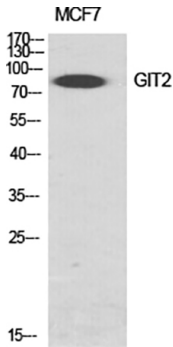
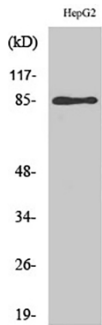
	Product Name: GIT2 Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP51428	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: GIT2 encodes a member of the GIT protein family, ARF GTPase-activating protein GIT2, which interact with G protein-coupled receptor kinases and possess ADP-ribosylation factor (ARF) GTPase-activating protein (GAP) activity. GIT proteins traffic between cytoplasmic complexes, focal adhesions and the cell periphery, and interact with Pak interacting exchange factor beta (PIX) to form large oligomeric complexes that transiently recruit other proteins. GIT proteins regulate cytoskeletal dynamics and participate in receptor internalization and membrane trafficking. GIT2 has been shown to repress lamellipodial extension and focal adhesion turnover, and is thought to regulate cell motility. GIT2 undergoes extensive alternative splicing to generate multiple isoforms, but the full-length nature of some of these variants has not been determined. The various isoforms have functional differences, with respect to ARF GAP activity and to G protein-coupled receptor kinase 2 binding.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:10000). 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.

 <p>MCF7</p> <p>170- 130- 100- 70- 55- 40- 35- 25- 15-</p> <p>GIT2</p>	<p>Fig.1. Western Blot analysis of various cells using GIT2 Polyclonal Antibody diluted at 1:1000.</p>
 <p>HepG2</p> <p>(kD)</p> <p>117- 85- 48- 34- 26- 19-</p>	<p>Fig.2. Western Blot analysis of HepG2 cells using GIT2 Polyclonal Antibody diluted at 1:1000.</p>

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.