

GIT2 Polyclonal Antibody

Cat No: HR1AP3538

For research use only

Overview

Product Name	GIT2 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	84kDa
GeneID?Human?	GIT2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	GIT2; KIAA0148; ARF GTPase-activating protein GIT2; ARF GAP GIT2; Cool-interacting tyrosine-phosphorylated protein 2; CAT-2; CAT2; G protein-coupled receptor kinase-interactor 2; GRK-interacting prote
Background	<p>GIT ArfGAP 2(GIT2) Homo sapiens This gene encodes a member of the GIT protein family, 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. This gene has been shown to repress lamellipodial extension and focal adhesion turnover, and is thought to regulate cell motility. This gene 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</p>