

DNAxPAb

Hard-to-Find  
Antibody

# GIT2 DNAxPab

Catalog # H00009815-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GIT2 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MSKRLRSSEVCADCSGPDPSWASVNRGTFLCDECCSVHRSLGRHISQVRHLKHTPWPPTLLQM VETLYNNGANSIWEHSLLDPASIMSGRRKANPQDKVHPNKAEFIRAKYQMLAFVHRLPCRDDDSV TAKDLSKQLHSSVRTGNLETCLRLSLGAQANFFHPEKGNTPLVASKAGQILQAELLAVYGADP GTQDSSGKTPVDYARQGGHHELAERLVEIQYELTDRLAFYLCGRKPDHKNGQHFIIPQMADSSLD LSELAKAAKKKLQSLSNHLFEELAMDMYDEVDRRETDVWLATQNHSAVLTETTVPFLPVNPE YSSTRNQGRQKLARFNAHEFATLVIDILSDAKRRQQGSSLSGSKDNVELIKTINNQHVSQDND QPDYDSVASDEDTDLETTASKTNRQKSLDSDLSGDPVTVQEFMEVKNALVASEAKIQQLMKVNN NLSDELRLIMQKKLLGKDAN
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — GIT2

Entrez GeneID [9815](#)

GeneBank Accession# [NM\\_139201.1](#)

Protein Accession# [NP\\_631940.1](#)

Gene Name GIT2

Gene Alias CAT-2, DKFZp686G01261, KIAA0148, MGC760

Gene Description G protein-coupled receptor kinase interacting ArfGAP 2

Omim ID [608564](#)

Gene Ontology [Hyperlink](#)

### Gene Summary

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 protein-coupled receptor kinase 2 binding. [provided by RefSeq]

Other Designations ARF GTPase-activating protein GIT2|G protein-coupled receptor kinase interactor 2|GRK-interacting protein 2|cool-associated, tyrosine phosphorylated protein 2

## Pathway

- [Endocytosis](#)