

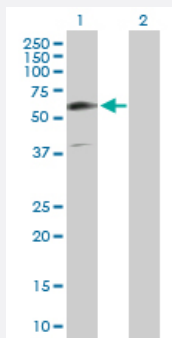
MaxPab®

GIT2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00009815-D01P

Size 100 ug

Applications

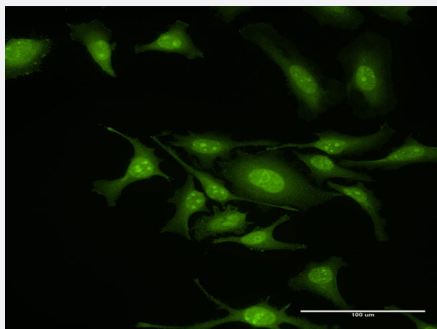


Western Blot (Transfected lysate)

Western Blot analysis of GIT2 expression in transfected 293T cell line ([H00009815-T02](#)) by GIT2 MaxPab polyclonal antibody.

Lane 1: GIT2 transfected lysate(52.60 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GIT2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GIT2 protein.

Immunogen

GIT2 (NP_631940.1, 1 a.a. ~ 471 a.a) full-length human protein.

Sequence

MSKRLRSSEVCADCSGPDPSWASVNRGTFLCDECCSVHRSLGRHISQVRHLKHTPWPTLLQM
VETLYNNGANSIWEHSLLDPASIMSGRRKANPQDKVHPNKAEFIRAKYQMLAFVHRLPCRDDDSV
TAKDLSKQLHSSVRTGNLETCLRLLSLGAQANFFHPEKGNTPLHVASKAGQILQAELLAVYGADP
GTQDSSGKTPVDYARQGGHHELAERLVEIQYELTDRLAFYLCGRKPDHKNGQHFIIIPQMADSSLD
LSELAKAACKKLQSLSNHLFEELAMDMYDEVDRRETDVWLATQNHSAVLTETTVVPFLPVNPE
YSSTRNQGRQKLARFNAHEFATLVIDILSDAKRRQQGSSSLSGSKDNVELIKTINNQHVSQDND
QPDYDSVASDEDTDLETTASKTNRQKSLSDSLSDGPVTVQEFMEVKNALVASEAKIQQLMKVNN
NLSDELRLIMQKKLLGKDN

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (95)
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.

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — GIT2

Entrez GeneID	9815
GeneBank Accession#	NM_139201
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](#)