

Rabbit GIT1 Monoclonal Antibody | anti-GIT1 antibody

GIT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30427	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

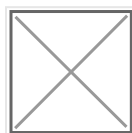
PRODUCT SYNONYMS

GIT1; Monoclonal Antibody; GIT1 Antibody; ARF GAP GIT1 antibody; ARF GTPase activating protein GIT1 antibody; ARF GTPase-activating protein GIT1 antibody; CAT 1 antibody; CAT-1 antibody; CaT1 antibody; Cool associated and tyrosine phosphorylated protein 1 antibody; Cool-associated and tyrosine-phosphorylated protein 1 antibody; G protein coupled receptor kinase interacting ArfGAP 1 antibody; G protein coupled receptor kinase interactor 1 antibody; G protein-coupled receptor kinase-interactor 1 antibody; GIT1 antibody; GIT1_HUMAN antibody; GRK interacting protein 1 antibody; GRK-interacting protein 1 antibody; anti-GIT1 antibody

PRODUCT SPECIFICATIONS

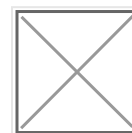
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JU33-39
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-GIT1 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM (Flow Cytometry)

Flow cytometric analysis of A549 cells with GIT1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-GIT1 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded mouse fallopian tubes tissue using anti-GIT1 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-GIT1 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-GIT1 antibody. Counter stained with hematoxylin.

**WB (Western Blot)**

Western blot analysis of GIT1 on A549 cell using anti-GIT1 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GIT1 antibody	Heterotrimeric G protein-mediated signal transduction is a dynamically regulated process with the intensity of signal decreasing over time despite the continued presence of the agonist. G protein-coupled receptor kinases (GRKs) are activated by activated G protein-coupled receptors, and they function to phosphorylate and inactivate cell surface receptors in the heterotrimeric G protein signaling cascade. GIT1 (for GRK-interactor 1) and GIT2 are GTPase-activating proteins (GAP) for members of the ADP ribosylation factor (ARF) family of small GTP-binding proteins, which are involved in vesicular trafficking. GIT1 overexpression results in reduced internalization and resensitization of b2-adrenergic receptor, thus reducing b2-adrenergic receptor signaling.
Product Categories/Family for anti-GIT1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	146231998
NCBI GeneID	28964
NCBI Accession #	NP_001078923.1
NCBI GenBank Nucleotide #	NM_001085454.1
UniProt Accession #	Q9Y2X7 ; Q68FF6
Molecular Weight	85,300 Da
NCBI Official Full Name	ARF GTPase-activating protein GIT1 isoform 1
NCBI Official Synonym Full Names	G protein-coupled receptor kinase interacting ArfGAP 1
NCBI Official Symbol	GIT1
NCBI Protein Information	ARF GTPase-activating protein GIT1; CAT1; CAT-1; ARF GAP GIT1; GRK-interacting protein 1; G protein-coupled receptor kinase interactor 1; G protein-coupled receptor kinase-interactor 1; cool-associated and tyrosine-phosphorylated protein 1
UniProt Protein Name	ARF GTPase-activating protein GIT1
UniProt Gene Name	Git1
UniProt Synonym Gene Names	ARF GAP GIT1
UniProt Entry Name	GIT1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

