

Datasheet for ABIN801108
anti-GIT1 antibody (pTyr545)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GIT1
Binding Specificity:	pTyr545
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human GIT1 around the phosphorylation site of Tyr545
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	GIT1
Alternative Name:	GIT1 (GIT1 Products)

Target Details

Background:	Synonyms: GIT1 phospho Tyr545, p-GIT1 Tyr545, ARF GAP GIT1, ARF GTPase activating protein GIT1, CAT 1, Cat1, Cool associated and tyrosine phosphorylated protein 1, G protein coupled receptor kinase interactor 1, GRK interacting protein 1. Background: 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 (1,2). 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 (3,4). 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 (5,6). GIT1 overexpression results in reduced internalization and resensitization of b2-adrenergic receptor, thus reducing b2-adrenergic receptor signaling (5).
-------------	--

Gene ID:	28964
----------	-------

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months