

Datasheet for ABIN2788863
anti-GIT2 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GIT2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Dog, Cow, Horse, Pig, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	VQTGSEYTD T SNHSSLKRRP SARGSRPMSM YETGSGQKPY LPMGEASRPE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Pig: 100%, Rabbit: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against GIT2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GIT2
Alternative Name:	GIT2 (GIT2 Products)
Background:	This gene encodes a member of the GIT protein family, which interact with G protein-coupled

Target Details

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.

Alias Symbols: CAT-2, DKFZp686G01261, KIAA0148, MGC760, CAT2

Protein Interaction Partner: UBC, QPRT, ATF5, CORO1A, HNRNPUL1, TNIP1, CALCOCO2, MVP, RUSC2, SAFB2, IKBKG, SPOP, TSN, TRAF1, TNFAIP3, RCVRN, PROX1, NME2, NFKBIB, SMAD3, LMNB1, KRT18, HGD, GUSB, GCH1, E2F2, C4BPA, ACTN1, ACTG1, Dlg4, POLR1B, USHBP1, RUFY1, SH3GLB2, KCTD5, UBQLN1, EDC4

Protein Size: 759

Molecular Weight: 83 kDa

Gene ID: 9815

NCBI Accession: [NM_057169](#), [NP_476510](#)

UniProt: [Q14161](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 759 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

