

Rabbit GIT1 Polyclonal Antibody | anti-GIT1 antibody

GIT1 Antibody (Center)

CATALOG # AAA290701	HOST Rabbit	REACTIVITY Human; Predicted Reactivity: Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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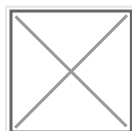
PRODUCT SYNONYMS

GIT1; Polyclonal Antibody; GIT1 Antibody (Center); ARF GTPase-activating protein GIT1; ARF GAP GIT1; Cool-associated and tyrosine-phosphorylated protein 1; CAT-1; CAT1; G protein-coupled receptor kinase-interactor 1; GRK-interacting protein 1; anti-GIT1 antibody

PRODUCT SPECIFICATIONS

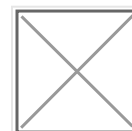
Host	Rabbit
Reactivity	Human; Predicted Reactivity: Mouse, Rat
Clonality	Polyclonal
Isotype	Ig
Specificity	This GIT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 485-512 amino acids from the Central region of human GIT1.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Length	770
Applicable Applications for anti-GIT1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Cytoplasm. Note=Cycles between at least 3 distinct intracellular compartments, including focal adhesions, cytoplasmic complexes and membrane protrusions. During cell migration, when cells detach, moves from the adhesions into the cytoplasmic complexes towards the leading edge, while, when cells adhere, it is found in vinculin-containing adhesions. Recruitment to adhesions may be mediated by active tyrosine-phosphorylated paxillin.
Antigen Region	485-512 aa
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

GIT1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GIT1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

All lanes : Anti-GIT1 Antibody (Center) at 1:2000 dilution
Lane 1: U-2OS whole cell lysate
Lane 2: HUVEC whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 84 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-GIT1 antibody	Description: GIT1 is a GTPase-activating protein for the ADP ribosylation factor family. It may serve as a scaffold to bring together molecules to form signaling modules controlling vesicle trafficking, adhesion and cytoskeletal organization. It increases the speed of cell migration, as well as the size and rate of formation of protrusions, possibly by targeting PAK1 to adhesions and the leading edge of lamellipodia. Background: GTPase-activating protein for the ADP ribosylation factor family. May serve as a scaffold to bring together molecules to form signaling modules controlling vesicle trafficking, adhesion and cytoskeletal organization. Increases the speed of cell migration, as well as the size and rate of formation of protrusions, possibly by targeting PAK1 to adhesions and the leading edge of lamellipodia. Sequesters inactive non-tyrosine- phosphorylated paxillin in cytoplasmic complexes. Involved in the regulation of cytokinesis; the function may involve SDCCAG3 and PTPN13 (By similarity).
Product Categories/Family for anti-GIT1 antibody	Primary Antibodies; Signal Transduction
References	Sato,H., Biochem. Biophys. Res. Commun. 368 (1), 157-161 (2008). Jones,N.P., Mol. Cell. Biol. 27 (16), 5790-5805 (2007). Schmalzigaug,R., Cell. Signal. 19 (8), 1733-1744 (2007). Stockton,R., Mol. Biol. Cell 18 (6), 2346-2355 (2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	146231998
NCBI GeneID	28964
NCBI Accession #	NP_001078923.1
NCBI GenBank Nucleotide #	NM_001085454.1
UniProt Accession #	Q9Y2X7; Q9Z272; Q68FF6
Molecular Weight	84341 Da
NCBI Official Full Name	ARF GTPase-activating protein GIT1 isoform 1
NCBI Official Synonym Full Names	GIT ArfGAP 1
NCBI Official Symbol	GIT1
NCBI Protein Information	ARF GTPase-activating protein GIT1
UniProt Protein Name	ARF GTPase-activating protein GIT1
UniProt Gene Name	Git1
UniProt Synonym Gene Names	ARF GAP GIT1; CAT-1; CAT1
UniProt Entry Name	GIT1_RAT

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/git1-antibody-immunohistochemistry-western-blot-elisa/290701>