

Rabbit GIT1 Polyclonal Antibody | anti-GIT1 antibody

GIT1 Antibody (Y510)

CATALOG # AAA289542	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

GIT1; Polyclonal Antibody; GIT1 Antibody (Y510); 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	Rabbit Ig
Specificity	This GIT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 487-517 amino acids from human GIT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Positions	487-517
Sequence Length	770
Applicable Applications for anti-GIT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with GIT1 Antibody (Y510) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of anti-GIT1 Antibody (Y510) in mouse cerebellum tissue lysates (35ug/lane). GIT1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GIT1 antibody	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.
Product Categories/Family for anti-GIT1 antibody	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; NP_054749.2
NCBI GenBank Nucleotide #	NM_001085454.1
UniProt Accession #	Q9Y2X7; Q86SS0; Q9BRJ4; B4DGU9; B4DSV3
Molecular Weight	84341
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
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_HUMAN

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/289542>