

Rabbit GIT2 Polyclonal Antibody | anti-GIT2 antibody

Phospho-GIT2 (Tyr592) Antibody

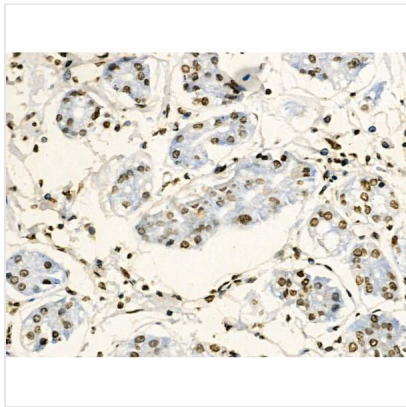
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31373	Rabbit	Human Predicted Reactivity: Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

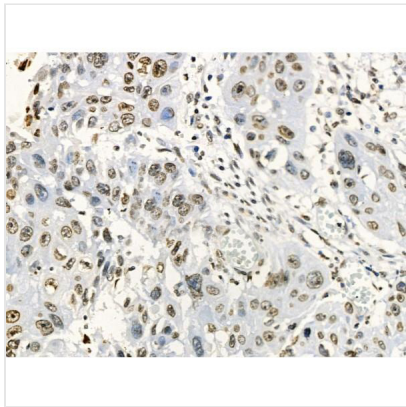
GIT2; Polyclonal Antibody; Phospho-GIT2 (Tyr592) Antibody; ARF GAP GIT2; ARF GTPase activating protein GIT2; ARF GTPase-activating protein GIT2; CAT 2; CAT-2; CAT2; Cool associated tyrosine phosphorylated protein 2; Cool interacting tyrosine phosphorylated protein 2; Cool-interacting tyrosine-phosphorylated protein 2; DKFZp686G01261; G protein coupled receptor kinase interacting ArfGAP 2; G protein coupled receptor kinase interactor 2; G protein-coupled receptor kinase-interactor 2; GIT 2; GIT2_HUMAN; GRK interacting protein 2; GRK-interacting protein 2; KIAA0148; MGC760; anti-GIT2 antibody

PRODUCT SPECIFICATIONS

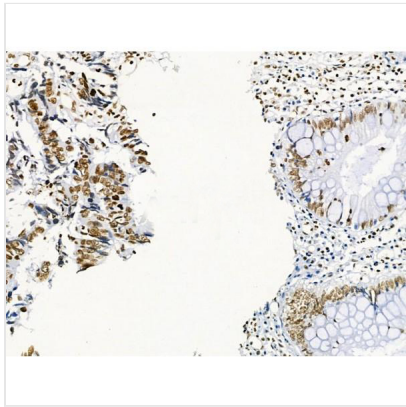
Host	Rabbit
Reactivity	Human Predicted Reactivity: Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-GIT2 (Tyr592) Antibody detects endogenous levels of GIT2 only when phosphorylated at Tyr592.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GIT2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 Peptide ELISA: 1:20,000-1:40,000
Immunogen	A synthesized peptide derived from human GIT2 around the phosphorylation site of Tyr592.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Interacts with TGFB1I1 (By similarity). Interacts with G protein-coupled receptor kinases. Associates with paxillin. Also interacts with PIX exchange factors. Identified in a complex with ARHGEF6 and BIN2.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



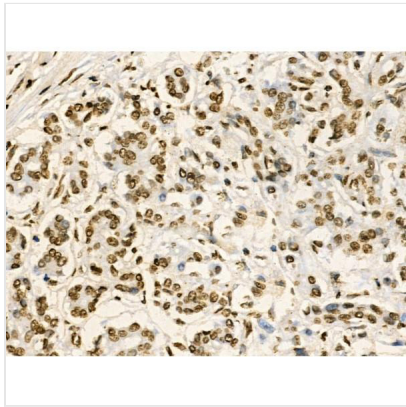
IHC (Immunohistochemistry)
At 1/100 staining Human gastric cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



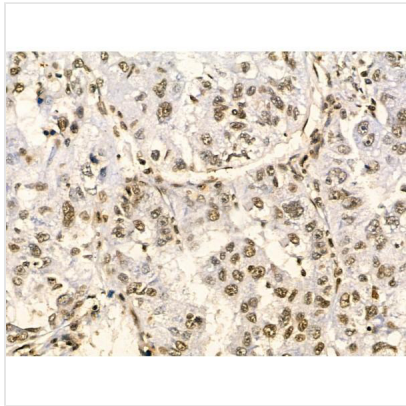
IHC (Immunohistochemistry)
At 1/100 staining Human esophageal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



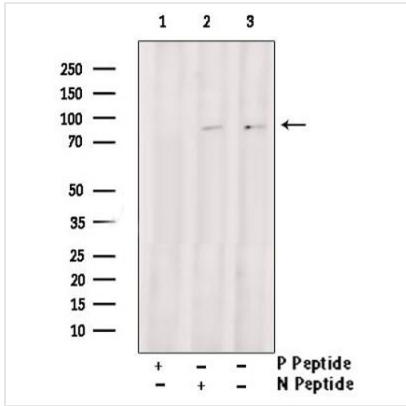
IHC (Immunohistochemistry)
At 1/100 staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
At 1/100 staining Human pancreatic cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
Staining Human liver cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HepG2, using Phospho-GIT2 (Tyr592) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GIT2 antibody	GTPase-activating protein for the ADP ribosylation factor family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	206725420
NCBI GeneID	9815
NCBI Accession #	NP_001128685.1
NCBI GenBank Nucleotide #	NM_001135213.1
UniProt Accession #	Q14161; Q86U59; Q96CI2; Q9BV91; Q9Y5V2
Molecular Weight	84,543 Da
NCBI Official Full Name	ARF GTPase-activating protein GIT2 isoform 6
NCBI Official Synonym Full Names	G protein-coupled receptor kinase interacting ArfGAP 2
NCBI Official Symbol	GIT2
NCBI Official Synonym Symbols	CAT2; CAT-2
NCBI Protein Information	ARF GTPase-activating protein GIT2; ARF GAP GIT2; GRK-interacting protein 2; G protein-coupled receptor kinase-interactor 2; cool-associated, tyrosine phosphorylated protein 2; cool-interacting tyrosine-phosphorylated protein 2
UniProt Protein Name	ARF GTPase-activating protein GIT2
UniProt Gene Name	GIT2
UniProt Synonym Gene Names	KIAA0148; ARF GAP GIT2; CAT-2; CAT2
UniProt Entry Name	GIT2_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/git2-antibody-western-blot-immunohistochemistry-peptide-elisa-elisa/31373>