Product Datasheet

GIT1 Antibody

Catalog No: #34131

Package Size: #34131-1 50ul #34131-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

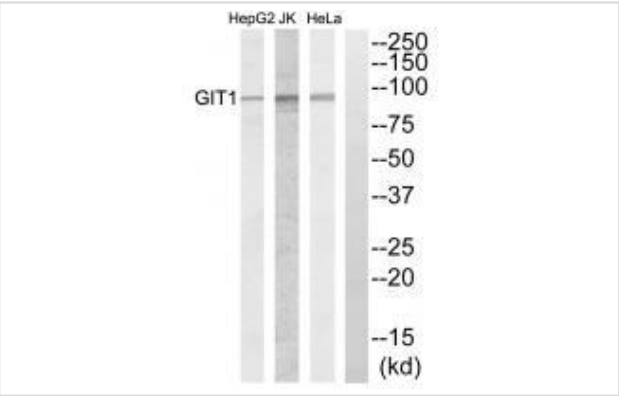
Product Name	GIT1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GIT1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human GIT1.
Target Name	GIT1
Other Names	ARF GTPase-activating protein GIT1; G protein-coupled receptor kinase- interactor 1; similar to G protein-coupled receptor kinase-interactor 1; G protein-coupled receptor kinase-associated ADP ribosylation factor GTPase-activating protein;
Accession No.	Swiss-Prot: Q9Y2X7NCBI Gene ID: 28964
Uniprot	Q9Y2X7
GeneID	28964;
SDS-PAGE MW	95kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

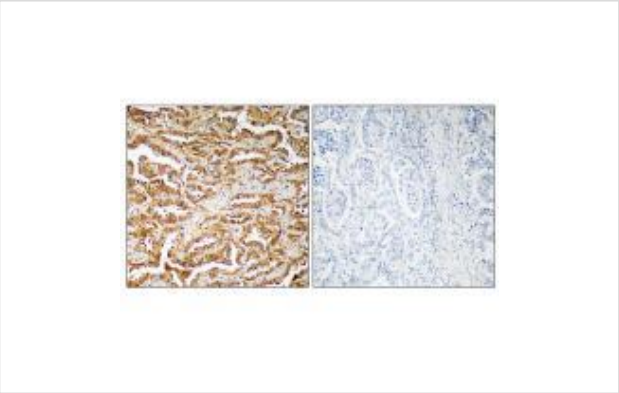
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from HeLa cells, Jurkat cells and HepG2 cells, using GIT1 antibody #34131.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using GIT1 antibody #34131.

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.

Premont R.T., J. Biol. Chem. 275:22373-22380(2000).
The MGC Project Team, Genome Res. 14:2121-2127(2004).
Premont R.T., Proc. Natl. Acad. Sci. U.S.A. 95:14082-14087(1998).

Note: This product is for in vitro research use only