

Datasheet for ABIN359576
anti-GIT1 antibody (Tyr510)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	GIT1
Binding Specificity:	Tyr510
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide corresponding to amino acid residues surrounding Y510 of human GIT1.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to GIT1.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	GIT1
Alternative Name:	GIT1 (GIT1 Products)

Target Details

Background: 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. Synonyms: ARF GTPase-activating protein GIT1, CAT1, Cool-associated and tyrosine-phosphorylated protein 1, G protein-coupled receptor kinase-interactor 1, GRK-interacting protein 1

Gene ID: 28964, 9606

UniProt: [Q9Y2X7](#)

Application Details

Application Notes: ELISA: 1/1,000. Western Blot: 1/50 - 1/100. Immunohistochemistry: 1/: 10 - 1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

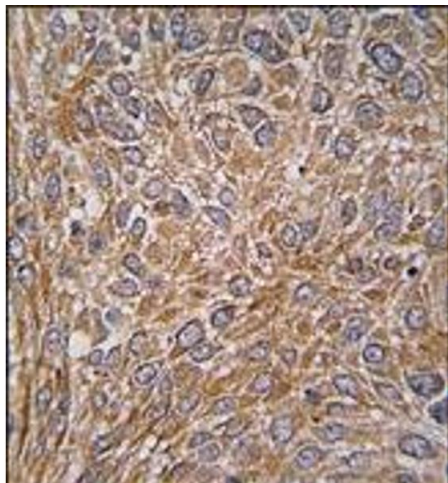
Preservative: Sodium azide

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 freezing and thawing.

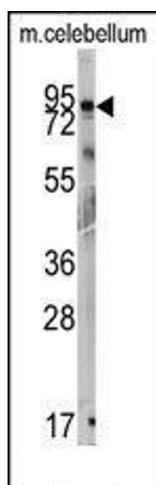
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. Western blot analysis of anti-GIT1 Antibody (Y510) in mouse cerebellum tissue lysates (35ug/lane). GIT1 (arrow) was detected using the purified Pab.