Product Datasheet

RIT1 Antibody

Catalog No: #33482

Package Size: #33482-1 50ul #33482-2 100ul

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

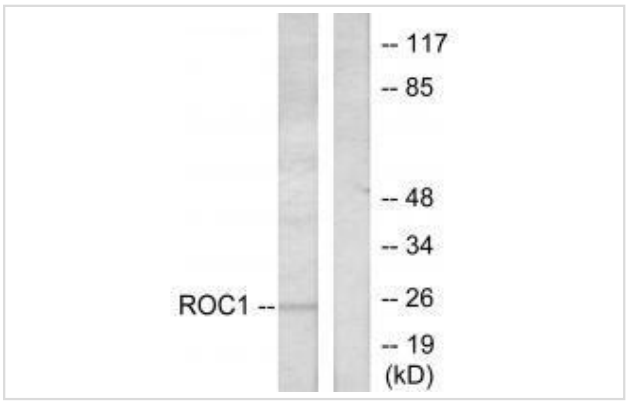
Description

Product Name	RIT1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RIT1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human RIT1.
Target Name	RIT1
Other Names	GTP-binding protein Rit1; Ras-like protein expressed in many tissues; Ras-like without CAAX protein 1; RIBB; RIT
Accession No.	Swiss-Prot: Q92963NCBI Gene ID: 6016
Uniprot	Q92963
GeneID	6016;
SDS-PAGE MW	25kd
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

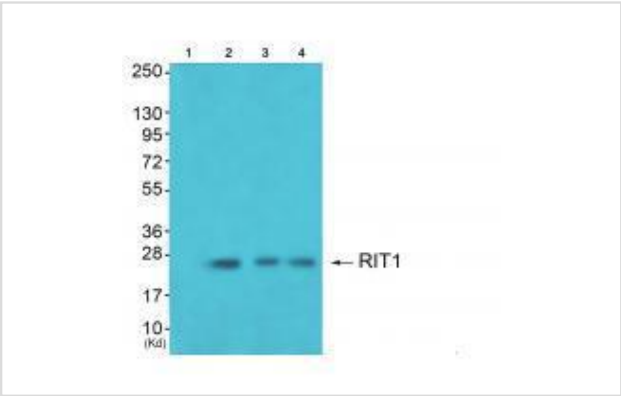
Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, using RIT1 antibody #33482.



Western blot analysis of extracts from K562 cells (Lane 2), JK cells (Lane 3) and 293 cells (Lane 4), using RIT1 antiobdy #33482. The lane on the left is treated with synthesized peptide.

Background

Plays a crucial role in coupling NGF stimulation to the activation of both EPHB2 and MAPK14 signaling pathways and in NGF-dependent neuronal differentiation. Involved in ELK1 transactivation through the Ras-MAPK signaling cascade that mediates a wide variety of cellular functions, including cell proliferation, survival, and differentiation.

Manabu Furukawa, Mol. Cell. Biol., Nov 2000; 20: 8185 - 8197.

Angus Chen, J. Biol. Chem., May 2000; 275: 15432.

Kenneth Wu, Mol. Cell. Biol., Feb 2000; 20: 1382 - 1393.

Kenneth Wu, J. Biol. Chem., Jan 2002; 277: 516 - 527.

Note: This product is for in vitro research use only