

RIT1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51476**Specification**

RIT1 Antibody - Product Information

Application	WB
Primary Accession	O92963
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25 KDa
Antigen Region	151 - 210

RIT1 Antibody - Additional Information**Gene ID** 6016**Other Names**

GTP-binding protein Rit1, Ras-like protein expressed in many tissues, Ras-like without CAAX protein 1, RIT1, RIBB, RIT, ROC1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RIT1. The exact sequence is proprietary.

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

RIT1 Antibody - Protein Information**Name** RIT1**Synonyms** RIBB, RIT, ROC1**Function**

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.

Cellular Location

Cell membrane.

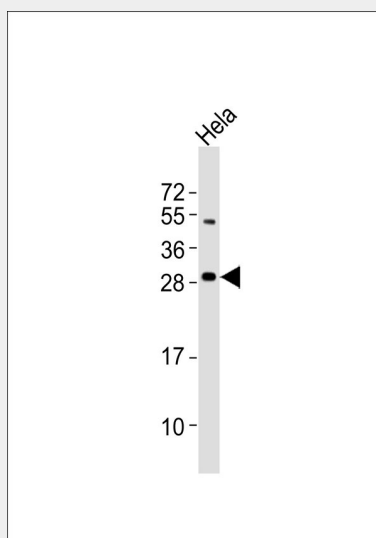
Tissue Location

Expressed in many tissues.

RIT1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RIT1 Antibody - Images

Anti-RIT1 Antibody at 1:1000 dilution + HeLa whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

RIT1 Antibody - Background

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RIT1 Antibody - References

- Lee C.H.J., et al. J. Neurosci. 16:6784-6794(1996).
Wes P.D., et al. EMBO J. 15:5839-5848(1996).
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Shao H., et al. Arch. Biochem. Biophys. 371:207-219(1999).

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