

RINT1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58768

Specification

RINT1 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rost
Clonality
Calculated MW
RosNUO1
Rat, Pig, Dog
Rabbit
Polyclonal
91 KDa

Calculated MW 91 KDa Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

from human RINT1

Epitope Specificity 201-300/792

Purity

SIMILARITY

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm. Endoplasmic reticulum

membrane; Peripheral membrane protein. Belongs to the RINT1 family. Contains 1

RINT1/TIP20 domain.

SUBUNIT Associated with a SNARE complex

consisting of STX18, USE1L, BNIP1/SEC20L,

and SEC22B. Interacts directly

with BNIP1/SEC20L and ZW10. Interacts with RAD50 during late S and G2/Mphases. Interacts with RBL2, preferentially with the

active, hypophosphorylated form.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

RINT1 is involved in the regulation of membrane traffic between the golgi and the endoplasmic reticulum. It may play a role in cell cycle checkpoint control and is essential for telomere length control.

RINT1 Polyclonal Antibody - Additional Information

Gene ID 60561

Other Names

RAD50-interacting protein 1, RAD50 interactor 1, HsRINT-1, RINT-1, RINT1

Dilution

WB~~1:1000<br \><span class</pre>



- ="dilution_IHC-P">IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A
- **Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RINT1 Polyclonal Antibody - Protein Information

Name RINT1

Function

Involved in regulation of membrane traffic between the Golgi and the endoplasmic reticulum (ER); the function is proposed to depend on its association in the NRZ complex which is believed to play a role in SNARE assembly at the ER. May play a role in cell cycle checkpoint control (PubMed:11096100). Essential for telomere length control (PubMed:16600870).

Cellular Location

Cytoplasm. Endoplasmic reticulum membrane; Peripheral membrane protein

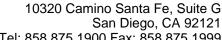
RINT1 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RINT1 Polyclonal Antibody - Images







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Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RCL) Polyclonal Antibody, Unconjugated (bs-7828R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.