

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	Q6NUQ1
Reactivity	Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	91 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RINT1
Epitope Specificity	201-300/792
Purity	
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.
SIMILARITY	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 withBNIP1/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

=dilution_IHC-P">IHC-P~N/A<br \><span class
=dilution_IHC-F">IHC-F~N/A<br \><span class
=dilution_IF">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 Cytometry](#)
- [Cell Culture](#)

RINT1 Polyclonal Antibody - Images

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.