

RNF9 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59249

Specification

RNF9 Polyclonal Antibody - Product Information

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

Primary Accession <u>O9UDY6</u>

Reactivity Rat, Pig, Chimpanzee, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 55 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

from human TRIM10/RNF9

Epitope Specificity 201-300/481

Isotype IgG

Purityaffinity purified by Protein A

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

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasmic

SIMILARITY Belongs to the TRIM/RBCC family. Contains

1 B box-type zinc finger. Contains 1

B30.2/SPRY domain. Contains 1 RING-type

zinc finger.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

TRIM10 is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic bodies. Studies in mice suggest that this protein plays a role in terminal differentiation of erythroid cells.

RNF9 Polyclonal Antibody - Additional Information

Gene ID 10107

Other Names

Tripartite motif-containing protein 10, B30-RING finger protein, RING finger protein 9, TRIM10, RFB30, RNF9

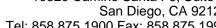
Dilution

WB \sim 1:1000/span>
class

="dilution_IHC-P">IHC-P \sim N/A<br\><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution_IF">IF \sim 1:50 \sim 200<br \>E \sim 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.

RNF9 Polyclonal Antibody - Protein Information

Name TRIM10

Synonyms RFB30, RNF9

Function

E3 ligase that plays an essential role in the differentiation and survival of terminal erythroid cells. May directly bind to PTEN and promote its ubiquitination, resulting in its proteasomal degradation and activation of hypertrophic signaling (By similarity). In addition, plays a role in immune response regulation by repressing the phosphorylation of STAT1 and STAT2 in the interferon/IAK/STAT signaling pathway independent of its E3 ligase activity. Mechanistically, interacts with the intracellular domain of IFNAR1 and thereby inhibits the association between TYK2 and IFNAR1 (PubMed: 33811647).

Cellular Location

Cytoplasm

RNF9 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

RNF9 Polyclonal Antibody - Images