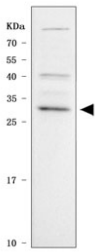
APRIL Antibody / TNFSF13 / PHAPI2 (RQ7563)

Catalog No.	Formulation	Size
RQ7563	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O75888
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This APRIL antibody is available for research use only.



Western blot testing of human U-937 cell lysate with APRIL antibody. Predicted molecular weight ~28 kDa.

Description

A proliferation-inducing ligand (APRIL), also known as tumor necrosis factor ligand superfamily member 13 (TNFSF13), is a protein of the TNF superfamily recognized by the cell surface receptor TACI. The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. And this protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants.

Some transcripts that skip the last exon of the upstream gene (TNFSF12) and continue into the second exon of this gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13.

Application Notes

Optimal dilution of the APRIL antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M1-L250) was used as the immunogen for the APRIL antibody.

Storage

After reconstitution, the APRIL antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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