

## APRIL Antibody

Catalog No: #24089

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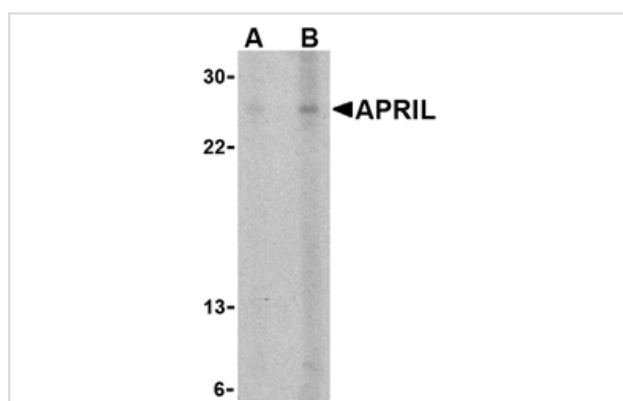
## Description

Product Name	APRIL Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids near the center of human APRIL.
Target Name	APRIL
Accession No.	Swiss-Prot:O75888Gene ID:8741
Uniprot	O75888
GeneID	8741;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Application Details

Predicted MW: 27 kd

## Images



Western blot analysis of APRIL expression in K562 cells with APRIL antibody at (A) 5 and (B) 10 ug/mL.

## Background

Members in the TNF superfamily regulate immune responses and induce apoptosis. A novel member in the TNF family was recently identified by several groups and designated APRIL (for a proliferation-inducing ligand), TALL-2 (for TNF- and ApoL-related Leukocyte-expressed Ligand 2), and TRDL-1 $\alpha$  (for TNF related death ligand 1 $\alpha$ ) in human and mouse. Two receptors for APRIL were recently identified and designated TACI and BCMA. APRIL stimulates B and T cell proliferation, triggers humoral immune responses, activates NF- $\kappa$ B, and induces cell death. APRIL and its close relative of BlyS and their receptors BCMA and TACI are involved in diseases of autoimmunity and cancer.

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Note: This product is for in vitro research use only