

## APRIL Polyclonal Antibody

### ORDERING INFORMATION

**Catalog No.** 41001      **Size** 100ug

**Format:** Antibody purified by affinity chromatography on peptide immunogen, 1mg/ml in PBS, 0.02% sodium azide.

### BACKGROUND

APRIL (A Proliferation-Inducing Ligand) is a member of the TNF superfamily identified in human and mouse. Two receptors for APRIL have been 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 receptors BCMA and TACI are involved in autoimmunity and cancer.

### DESCRIPTION

**Antigen:** Synthetic peptide corresponding to aa 180-230 of APRIL.

**Accession No.:** NP\_003799

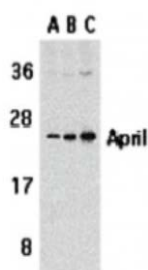
**Gene ID:** 8741

**Host:** Rabbit

**Specificity:** Human and mouse APRIL. Reactivity with other species has not been investigated.

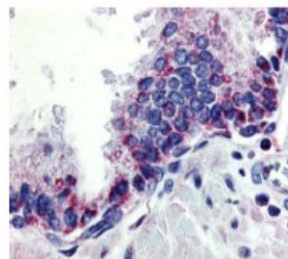
### APPLICATIONS

**Immunoblotting:** use at 1-4ug/ml. A band of ~27kDa is detected.



Detection of APRIL in Jurkat cells with #41001 at (A) 1ug/ml, (B) 2ug/ml, and (C) 4ug/ml.

**Immunohistochemistry:** use at 10ug/ml.



Detection of APRIL in human prostate with #41001 at 10ug/ml.

### STORAGE AND STABILITY

This antibody is stable for three months at 4°C and at least one year at -20°C. Store in appropriate aliquots to avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in diagnostic or therapeutic applications.*