

# Rabbit Anti-IL-17RB Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52329

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9NRM6</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	55885
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human IL-17RB
<b>Epitope Specificity</b>	221-320/502
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Isoform 1: Cell membrane; Single-pass type I membrane protein. Isoform 2: Secreted.
<b>SIMILARITY</b>	Contains 1 SEFIR domain.
<b>SUBUNIT</b>	Interacts with DAZAP2.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	The protein encoded by this gene is a cytokine receptor. This receptor specifically binds to IL17B and IL17E, but does not bind to IL17 and IL17C. This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. The expression of the rat counterpart of this gene was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this receptor. [provided by RefSeq].

## Additional Information

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<b>Gene ID</b>	55540
<b>Other Names</b>	CRL4; EVI27; IL17BR; IL17RH1; Interleukin-17 receptor B; IL-17 receptor B; IL-17RB; Cytokine receptor-like 4; IL-17 receptor homolog 1; IL-17Rh1; Interleukin-17B receptor; IL-17B receptor; IL17RB; UNQ251/PRO19612
<b>Target/Specificity</b>	Expressed in several endocrine tissues, mostly in fetal and adult liver, kidney, pancreas, testis, colon, brain and small intestine; not detected in peripheral blood leukocytes, lymphoid organs, and most cell lines.
<b>Dilution</b>	WB=1:500-2000,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

<b>Storage</b>	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.
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## Protein Information

<b>Name</b>	IL17RB
<b>Synonyms</b>	CRL4, EVI27, IL17BR
<b>Function</b>	Receptor for the pro-inflammatory cytokines IL17B and IL17E. May play a role in controlling the growth and/or differentiation of hematopoietic cells.
<b>Cellular Location</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein
<b>Tissue Location</b>	Expressed in several endocrine tissues, mostly in fetal and adult liver, kidney, pancreas, testis, colon, brain and small intestine; not detected in peripheral blood leukocytes, lymphoid organs, and most cell lines

## Background

Receptor for the proinflammatory cytokines IL17B and IL17E. May play a role in controlling the growth and/or differentiation of hematopoietic cells.

## References

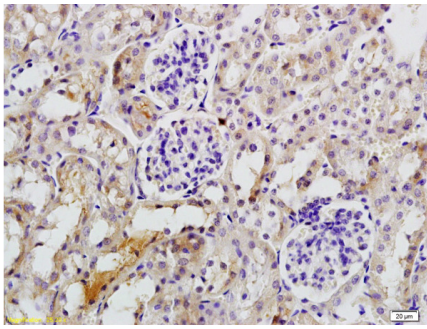
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## Images



L1 rat kidney lysates and L2 rat brain lysates lysates probed with Anti- IL-17RB Polyclonal Antibody, Unconjugated (AP52329) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band: 33kD/55kD Observed band size: 35kD

Antigen: 0.2ug/100ul Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.