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IL17RB Rabbit pAb

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Catalog # AP52329

Product Information

Application	WB
Primary Accession	Q9NRM6
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55885
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IL-17RB
Epitope Specificity	221-320/502
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Isoform 1: Cell membrane; Single-pass type I membrane protein. Isoform 2: Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

Gene ID	55540
Other Names	Interleukin-17 receptor B, IL-17 receptor B, IL-17RB, Cytokine receptor-like 4, IL-17 receptor homolog 1, IL-17Rh1, IL17Rh1, Interleukin-17B receptor, IL-17B receptor, IL17RB, CRL4, EVI27, IL17BR
Dilution	WB=1:500-2000,ELISA=1:5000-10000
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.

Protein Information

Name	IL17RB
Synonyms	CRL4, EVI27, IL17BR
Function	Receptor for the pro-inflammatory cytokines IL17B and IL17E. May play a role in controlling the growth and/or differentiation of hematopoietic cells.
Cellular Location	[Isoform 1]: Cell membrane; Single-pass type I membrane protein
Tissue Location	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

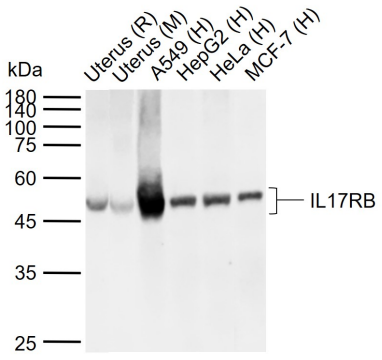
Background

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References

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Shi Y.,et al.J. Biol. Chem. 275:19167-19176(2000).
Zhang W.,et al.Submitted (MAR-2000) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).

Images



Sample:
Lane 1: Rat Uterus tissue lysates
Lane 2: Mouse Uterus tissue lysates
Lane 3: Human A549 cell lysates
Lane 4: Human HepG2 cell lysates
Lane 5: Human HeLa cell lysates
Lane 6: Human MCF-7 cell lysates
Primary: Anti-IL17RB (AP52329) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 54 kDa
Observed band size: 50 kDa

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