

IL-17RA polyclonal antibody

Catalog: BS67226

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

Receptor for IL17A and IL17F, major effector cytokines of innate and adaptive immune system involved in anti-microbial host defense and maintenance of tissue integrity. Receptor for IL17A (PubMed:17911633, PubMed:9367539).

Receptor for IL17F (PubMed:19838198, PubMed:17911633).

Binds to IL17A with higher affinity than to IL17F (PubMed:17911633).

Binds IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RC (PubMed:16785495).

Also binds heterodimers formed by IL17A and IL17F as part of a heterodimeric complex with IL17RC (PubMed:18684971).

Cytokine binding triggers homotypic interaction of IL17RA and IL17RC chains with TRAF3IP2 adapter, leading to TRAF6-mediated activation of NF-kappa-B and MAPkinase pathways, ultimately resulting in transcriptional activation of cytokines, chemokines, antimicrobial peptides and matrix metalloproteinases, with potential strong immune inflammation (PubMed:16785495, PubMed:24120361, PubMed:17911633, PubMed:18684971, PubMed:21350122).

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 150-180 kDa

Swiss-Prot:

Q96F46

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 187% (by SDS-PAGE).

Applications:

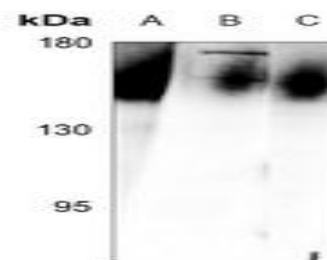
WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of IL-17RA protein.

DATA:

Western blot analysis of IL-17RA expression in rat spleen (A), mouse lung (B), MCF7 (C) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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