

Datasheet for 600-401-BV0**IL-17RE Antibody****Overview**

Description:	Anti-IL-17RE (RABBIT) Antibody - 600-401-BV0
Item No.:	600-401-BV0
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The interleukin 17 receptor E (IL-17RE) shares limited similarity to the receptor of IL-17A, a ubiquitous type I membrane glycoprotein that with IL-17A plays a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. IL-17RE is the functional receptor of IL-17C and has been suggested to mediate mucosal immunity to infection with intestinal pathogens. IL-17C is produced by epithelia in response to bacterial challenge and binds to a receptor complex formed by IL-17RE and IL-17RA on the epithelial cell surface, thereby regulating the immune function of epithelial cells in an autocrine manner.
Synonyms:	IL-17RE Antibody, Interleukin-17 receptor E, IL-17 receptor E
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	IL17RE
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti- IL-17RE antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid peptide near the internal region of human IL-17RE.

Purity/Specificity: Anti-IL-17RE Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with IL-17RE from other sources has not been determined.

Relevant Links:

- [UniProtKB - Q8NFR9](#)
- [GeneID - 132014](#)
- [NCBI - NP_705616](#)

Application Details

Tested Applications: ELISA, WB

Application Note: Anti-IL-17RE Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 75 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000 - 1:20,000

WB: 1-2 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

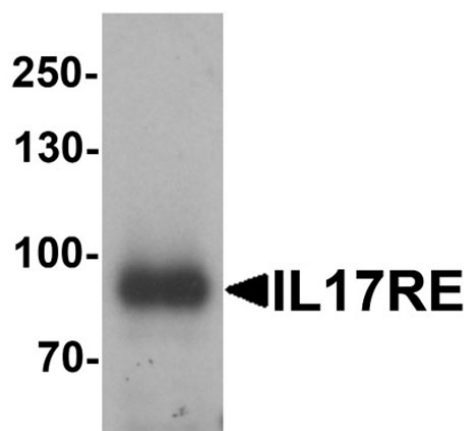
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western blot analysis of IL-17RE.

Load: human ovary tissue lysate.

Primary Antibody: IL-17RE antibody at 1 μ g/mL.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.