

IL-17RE Antibody

Catalog # ASC11598

Product Information

Application	WB, E
Primary Accession	Q8NFR9
Other Accession	NP_705616 , 301129232
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	74810
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	IL-17RE antibody can be used for detection of IL-17RE by Western blot at 1 - 2 μ g/mL.

Additional Information

Gene ID	132014
Other Names	Interleukin-17 receptor E, IL-17 receptor E, IL-17RE, IL17RE
Target/Specificity	IL17RE;
Reconstitution & Storage	IL-17RE antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Precautions	IL-17RE Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	IL17RE
Function	Specific functional receptor for IL17C. May be signaling through the NF-kappa-B and MAPK pathways. May require TRAF3IP2 /ACT1 for signaling. May be a crucial regulator in innate immunity to bacterial pathogens. Isoform 2 and isoform 4 may be either cytoplasmic inactive or dominant active forms. Isoform 3 and isoform 5 may act as soluble decoy receptors.
Cellular Location	[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 3]: Secreted. [Isoform 5]: Secreted.
Tissue Location	Predominantly expressed in mucosal tissues with high levels in keratinocytes and colon epithelial cells. Very low expression in dermal fibroblasts. Expressed in various tumor cell lines.

Background

IL-17RE Antibody: 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.

References

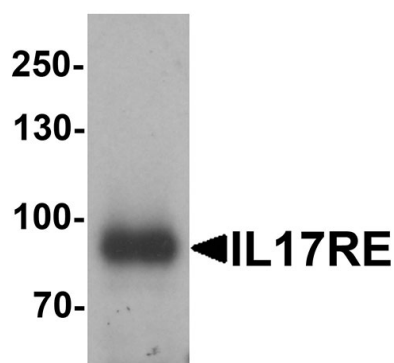
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Images



Western blot analysis of IL-17RE in human ovary tissue lysate with IL-17RE antibody at 1 µg/mL.

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