IL17RC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL17RC, Polyclonal Antibody
Full Product Name	IL17RC Antibody
Product Gene Name	anti-IL17RC antibody
Product Synonym Names	Interleukin-17 receptor C; IL-17 receptor C; IL-17RC; Interleukin-17 receptor homolog; IL17Rhom; Interleukin-17 receptor-like protein; IL-17RL; ZcytoR14; IL17RC
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	IL17RC Antibody detects endogenous levels of IL17RC.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	86 kDa
OMIM	EF676032 mRNA
3D Structure	ModBase 3D Structure for Q8NAC3
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human IL17RC.
Immunogen Range	721-770
Applications Tested/Suitable for anti-IL17RC antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-IL17RC antibody	WB: 1:500~1:1000 ELISA: 1:10000
Related Product Information for anti-IL17RC antibody	MBS9507180 is an antibody targeting IL17RC. Also known as IL17RC Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-IL17RC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL17RC. It may not necessarily be applicable to this product.

NCBI GI #	322812168
NCBI GeneID	84818
NCBI Accession #	NP_001190192.1

UniProt Primary Accession #	Q8NAC3
UniProt Secondary Accession #	Q6UVY3; Q6UWD4; Q8NFS1; Q9BR97; A8BWC1; A8BWC9; A8BWD5; E9PHG1; E9PHJ6
UniProt Related Accession #	Q8NAC3
GenBank Nucleotide #	NM_001203263.1
NCBI Official Full Name	interleukin-17 receptor C isoform 4
NCBI Official Synonym Full Names	interleukin 17 receptor C
NCBI Official Symbol	IL17RC
NCBI Official Synonym Symbols	CANDF9; IL17RL; IL17-RL
UniProt Protein Name	Interleukin-17 receptor C
UniProt Synonym Protein Names	Interleukin-17 receptor homolog; IL17Rhom; Interleukin-17 receptor-like protein; IL-17RL; ZcytoR14
Protein Family	Interleukin-17 receptor
UniProt Gene Name	IL17RC
UniProt Synonym Gene Names	IL-17 receptor C; IL-17RC; IL17Rhom; IL-17RL
NCBI Protein Information	interleukin-17 receptor C
NCBI Summary for IL17RC	This gene encodes a single-pass type I membrane protein that shares similarity with the interleukin-17 receptor (IL-17RA). Unlike IL-17RA, which is predominantly expressed in hemopoietic cells, and binds with high affinity to only IL-17A, this protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. The proinflammatory cytokines, IL-17A and IL-17F, have been implicated in the progression of inflammatory and autoimmune diseases. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, and it has been proposed that soluble, secreted proteins lacking transmembrane and intracellular domains may function as extracellular antagonists to cytokine signaling. [provided by RefSeq, Feb 2011]
UniProt Comments for IL17RC	Receptor for IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RA (PubMed:16785495). Receptor for the heterodimer formed by IL17A and IL17B as part of a heterodimeric complex with IL17RA (PubMed:18684971). Has also been shown to be the cognate receptor for IL17F and to bind IL17A with high affinity without the need for IL17RA (PubMed:17911633). Activation of IL17RC leads to induction of expression of inflammatory chemokines and cytokines such as CXCL1 (PubMed:16785495).
Research Articles on IL17RC	**1.** methylation of IL17RC could play as a marker in CNV and degeneration of RPE cells in vitro.
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