

Rabbit anti-Human IL17RC Polyclonal Antibody | anti-IL17RC antibody

IL17RC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325344	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

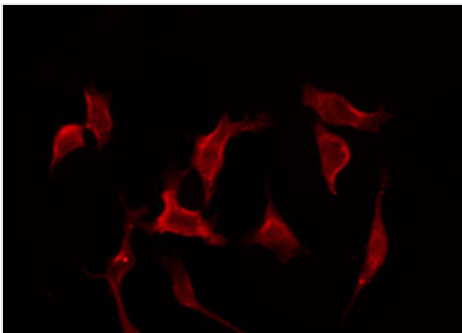
PRODUCT SYNONYMS

IL17RC; Polyclonal Antibody; IL17RC Antibody; IL 17 receptor C; IL 17RC; IL 17RL; IL17 receptor C; IL17F receptor; IL17RL; Interleukin 17 receptor C; Interleukin 17 receptor homolog; Interleukin 17 receptor like; Interleukin 17 receptor like protein; anti-IL17RC antibody

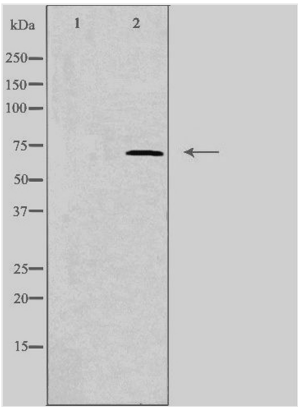
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	IL17RC antibody detects endogenous levels of total IL17RC
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	707
Applicable Applications for anti-IL17RC antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane; Single-Pass Type I Membrane Protein. Note: Soluble isoforms may be produced.
Tissue Specificity	Expressed in prostate, skeletal muscle, kidney and placenta (at protein level) (PubMed:11706037). Expressed in brain, cartilage, colon, heart, intestine, kidney, liver, lung, muscle, placenta, and prostate (PubMed:11706037). Also detected in thyroid, trachea and adrenal gland (PubMed:17911633). Low expression in thymus and leukocytes (PubMed:11706037).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325344 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa using IL17RC antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IL17RC antibody	Function: 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). Subunit Structure: Heterodimer with IL17RA (PubMed:16785495, PubMed:18684971). Heterodimerization with IL17RA is independent of the cytoplasmic tail (By similarity). Associates with non-glycosylated IL17RA constitutively (By similarity). Binding of IL17A and IL17F induces association with glycosylated IL17RA (By similarity). Interacts (via SEFIR domain and extended downstream region) with TRAF3IP2/ACT1 (phosphorylated) (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	322812168
NCBI GeneID	84818
NCBI Accession #	NP_001190192.1
NCBI GenBank Nucleotide #	NM_001203263.1
UniProt Accession #	Q8NAC3; Q6UVY3; Q6UWD4; Q8NFS1; Q9BR97; A8BWC1; A8BWC9; A8BWD5; E9PHG1; E9PHJ6
Molecular Weight	Observed: 70 kD Predicted: 87 kDa
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
NCBI Protein Information	interleukin-17 receptor C
UniProt Protein Name	Interleukin-17 receptor C
UniProt Gene Name	IL17RC
UniProt Synonym Gene Names	IL-17 receptor C; IL-17RC; IL17Rhom; IL-17RL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

