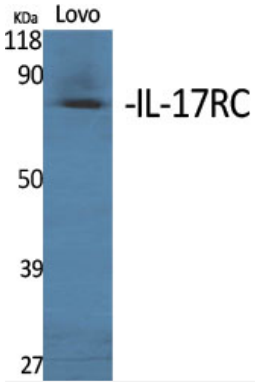
IL-17RC Polyclonal Antibody

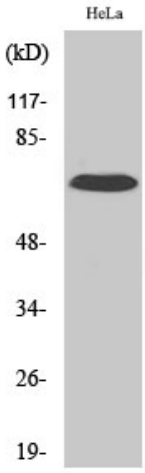
Catalog No	BYab-13373
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	IL17RC
Protein Name	Interleukin-17 receptor C
Immunogen	The antiserum was produced against synthesized peptide derived from human IL17RC. AA range:721-770
Specificity	IL-17RC Polyclonal Antibody detects endogenous levels of IL-17RC protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IL17RC; Interleukin-17 receptor C; IL-17 receptor C; IL-17RC; Interleukin-17 receptor homolog; IL17Rhom; Interleukin-17 receptor-like protein; IL-17RL; ZcytoR14
Observed Band	70kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . 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).
Function	alternative products:Additional isoforms seem to exist,induction:By HGF and VEGF.,subcellular location:Soluble isoforms may be produced.,tissue specificity:Expressed in brain, cartilage, colon, heart, intestine, kidney, liver, lung, muscle, placenta, and prostate. Low expression in thymus and leukocytes. Expressed (at protein level) in prostate and prostate cancer, skeletal muscle,

	kidney and placenta.,
Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

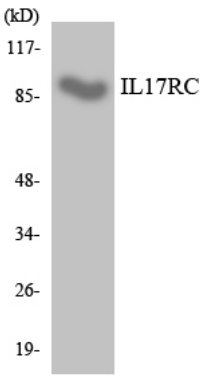
Products Images



Western Blot analysis of various cells using IL-17RC Polyclonal Antibody



Western Blot analysis of HuvEc cells using IL-17RC Polyclonal Antibody



Western blot analysis of the lysates from RAW264.7cells using IL17RC antibody.