Rabbit anti-Human TCCR Polyclonal Antibody | anti-IL27RA antibody

TCCR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40148	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

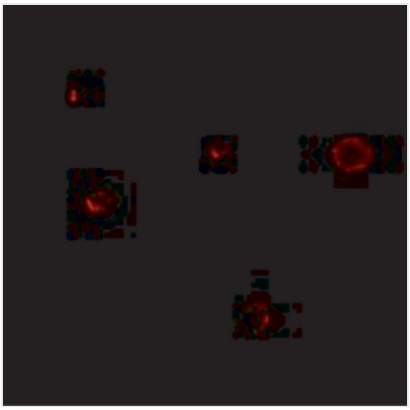
PRODUCT SYNONYMS

TCCR; Polyclonal Antibody; TCCR Antibody; CRL1; WSX1; IL27R; IL-27RA; zcytor1; UNQ296/PRO336; Interleukin-27 receptor subunit alpha; Cytokine receptor WSX-1; IL-27 receptor subunit alpha; interleukin 27 receptor; alpha; anti-IL27RA antibody

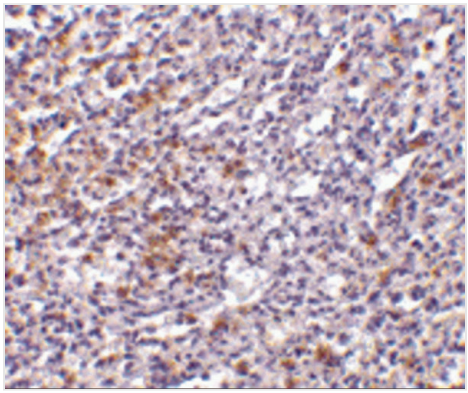
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TCCR Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	636
Applicable Applications for anti-IL27RA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TCCR antibody was raised against a synthetic peptide corresponding to amino acids near the amino terminus of human TCCR precursor.
Buffer	TCCR Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TCCR antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

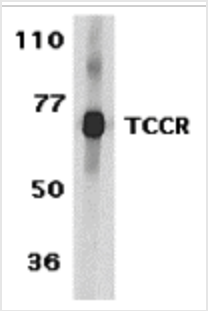
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TCCR in A549 cells with TCCR antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of TCCR in human spleen tissue with TCCR antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of TCCR expression in human spleen tissue lysates with TCCR antibody at 1 μg /ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IL27RA antibody	TCCR Antibody: Upon antigen challenge, T-helper cells differentiate into two functional distinct subsets, Th1 and Th2. Th1 cells produce IL-2, IFN-gamma and lymphotoxin-beta that augment cell mediated immune response while Th2 cells secrete IL-4, IL-5, and IL-10 that enhance humoral immunity. The function of T-helper cells is regulated by cytokines. A novel cytokine receptor was recently identified and cloned. It is a new member in the type I cytokine receptor family and designated TCCR for T-cell cytokine receptor and WSX-1. TCCR deficient mice had impaired Th1 responses to protein antigen challenge, including decreased levels of IFN-gamma and Th1-dependent antibody IgG2a. TCCR is predominately expressed in thymus, spleen, lymph notes and peripheral blood leukocytes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759328
NCBI GeneID	9466
NCBI Accession #	NP_004834
NCBI GenBank Nucleotide #	NM_004843.3
UniProt Accession #	Q6UWB1; O60624; A0N0L1
Molecular Weight	70 kDa
NCBI Official Full Name	interleukin-27 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 27 receptor, alpha
NCBI Official Symbol	IL27RA
NCBI Official Synonym Symbols	CRL1; TCCR; WSX1; IL27R; IL-27RA; zcytor1
NCBI Protein Information	interleukin-27 receptor subunit alpha; IL-27R-alpha; IL-27R subunit alpha; cytokine receptor WSX-1; cytokine receptor-like 1; class I cytokine receptor; IL-27 receptor subunit alpha; T-cell cytokine receptor type 1; type I T-cell cytokine receptor
UniProt Protein Name	Interleukin-27 receptor subunit alpha
UniProt Gene Name	**IL27RA**
UniProt Synonym Gene Names	CRL1; TCCR; WSX1; IL-27 receptor subunit alpha; IL-27R subunit alpha; IL-27R-alpha; IL-27RA; TCCR
UniProt Entry Name	I27RA_HUMAN

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.

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