

Rabbit IL12RB2 Polyclonal Antibody | anti-IL12RB2 antibody

IL12RB2 Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199521	Rabbit	Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep (Tested Reactivity: Human)	Western Blot

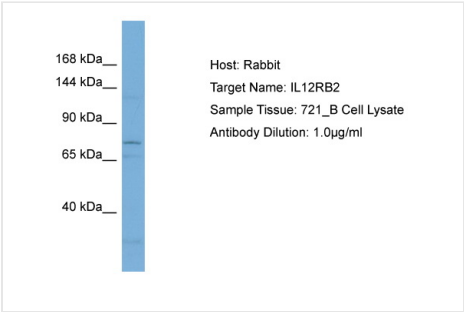
PRODUCT SYNONYMS

IL12RB2; Polyclonal Antibody; IL12RB2 Antibody - middle region; anti-IL12RB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep (Tested Reactivity: Human)
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: DV WYMKRHIDYS RQQISLFWKN LSVSEARGKI LHYQVTLQEL TGGKAMTQ
Sequence Length	659
Applicable Applications for anti-IL12RB2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 92%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human IL12RB2
Protein Size	659 amino acids
Protein Interactions	SOCS3; IL12RB2; IL12RB1; STAT4; IL12B; JAK2;
Replacement Item	This antibody may replace item sc-18648 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Host: RabbitTarget Name: IL12RB2Sample Type: 721_B Whole Cell lysatesAntibody Dilution: 1.0ug/mlIL12RB2 is supported by BioGPS gene expression data to be expressed in 721_B

ADDITIONAL INFORMATION

Related Product Information for anti-IL12RB2 antibody	This is a rabbit polyclonal antibody against IL12RB2. It was validated on Western Blot Target Description: The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense.
Product Categories/Family for anti-IL12RB2 antibody	Polyclonal; Signaling Intermediate; Membrane Protein; Developmental Biology; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504643
NCBI GeneID	3595
NCBI Accession #	NP_001550
NCBI GenBank Nucleotide #	NM_001559.2
UniProt Accession #	Q99665
Molecular Weight	72kDa
NCBI Official Full Name	interleukin-12 receptor subunit beta-2 isoform a
NCBI Official Synonym Full Names	interleukin 12 receptor subunit beta 2
NCBI Official Symbol	IL12RB2
NCBI Protein Information	interleukin-12 receptor subunit beta-2
UniProt Protein Name	Interleukin-12 receptor subunit beta-2
UniProt Gene Name	IL12RB2
UniProt Synonym Gene Names	IL-12 receptor subunit beta-2; IL-12R subunit beta-2; IL-12R-beta-2; IL-12RB2
UniProt Entry Name	I12R2_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.