

Datasheet: AHP1620

Description:	RABBIT ANTI HUMAN IL-27 RECEPTOR ALPHA (C-TERMINAL)
Specificity:	IL-27 RECEPTOR ALPHA (C-TERMINAL)
Other names:	TCCR
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin (1)	▪			5ug/ml
Western Blotting	▪			0.5 - 1.0ug/ml
Immunofluorescence	▪			20ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to human IL-27R α (C-Terminal) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	A peptide corresponding to amino acids near the carboxy terminus of human IL-27R α precursor.
External Database Links	<p>UniProt: Q6UWB1 Related reagents</p> <p>Entrez Gene: 9466 IL27RA Related reagents</p>
Synonyms	CRL1, TCCR, WSX1
RRID	AB_2295940
Specificity	Rabbit anti human IL-27Rα antibody recognizes the carboxy terminal of the alpha subunit of the human IL-27 receptor, otherwise known as the T cell cytokine receptor (TCCR). It is a member of the type I cytokine receptor family with higher levels of expression in CD4+ T cells than in CD8+ T cells. It is a receptor for Interleukin-27 and is involved in the regulation of Th1-type T cells. It also appears to be involved in innate defense mechanisms. It is highly expressed in lymphoid tissue such as spleen, lymph nodes and peripheral blood leukocytes. It is also weakly expressed in tissues such as the heart, brain and lung.
Western Blotting	Rabbit anti human IL-27R α detects a band of approximately 70kDa in human spleen tissue lysates.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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