

Datasheet: AHP1431

Description:	RABBIT ANTI HUMAN TSLP RECEPTOR
Specificity:	TSLP RECEPTOR
Other names:	CYTOKINE RECEPTOR-LIKE 2
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			0.5 - 1.0ug/ml

Where this antibody 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 antibody 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
Product Form	Purified IgG - liquid
Preparation	Antisera to human TSLP receptor were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	A 19 amino acid peptide located near the centre of human TSLP receptor.
External Database Links	<p>UniProt: Q9HC73 Related reagents</p> <p>Entrez Gene: 64109 CRLF2 Related reagents</p>
Synonyms	CRL2, ILXR, TSLPR
RRID	AB_1102914
Specificity	<p>Rabbit anti Human TSLP receptor antibody recognizes human thymic stromal lymphopoietin receptor (TSLPR), a 42 kDa glycoprotein belonging to the type 1 cytokine receptor family. TSLPR is primarily expressed by dendritic cells and monocytes, and weakly expressed by T-cells. It is also expressed by non-haematopoietic tissues such as the heart, skeletal muscle, kidney and liver.</p> <p>The TSLP receptor forms functional complexes with thymic stromal lymphopoietin (TSLP) and IL-7R, which are capable of stimulating cell proliferation through activation of Stat3 and Stat5.</p>
Western Blotting	AHP1431 detects a band of approximately 53kDa in human liver tissue cell lysates.
References	1. Sun M <i>et al.</i> (2014) <i>In situ</i> expression and serum level of thymic stromal lymphopoietin in oral lichen planus. J Oral Pathol Med. 43 (10): 740-5.
Further Reading	1. Park, L.S. <i>et al.</i> (2000) Cloning of the murine thymic stromal lymphopoietin (TSLP) receptor: Formation of a functional heteromeric complex requires interleukin 7 receptor. J Exp Med. 192 (5): 659-70.
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

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)
[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
'M383259:210513'

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