

Datasheet: AHP1431

**BATCH NUMBER 040214**

<b>Description:</b>	RABBIT ANTI HUMAN TSLP RECEPTOR
<b>Specificity:</b>	TSLP RECEPTOR
<b>Other names:</b>	CYTOKINE RECEPTOR-LIKE 2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Antisera to human TSLP receptor were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.02% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	A 19 amino acid peptide located near the centre of human TSLP receptor.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9HC73</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">64109</a> CRLF2    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CRL2, ILXR, TSLPR
<b>RRID</b>	AB_1102914
<b>Specificity</b>	<p><b>Rabbit anti Human TSLP receptor antibody</b> 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>
<b>Western Blotting</b>	AHP1431 detects a band of approximately 53kDa in human liver tissue cell lysates.
<b>References</b>	1. Sun M <i>et al.</i> (2014) <i>In situ</i> expression and serum level of thymic stromal lymphopoietin in oral lichen planus. <a href="#">J Oral Pathol Med. 43 (10): 740-5.</a>
<b>Further Reading</b>	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. <a href="#">J Exp Med. 192 (5): 659-70.</a>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety</b>	Material Safety Datasheet documentation #10040 available at:

**Information** <https://www.bio-rad-antibodies.com/SDS/AHP1431>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)  
[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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'M363926:200529'

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