

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**

UniProt:

[Q9HC73](#) [Related reagents](#)

Entrez Gene:

[64109](#) CRLF2 [Related reagents](#)

Synonyms

CRL2, ILXR, TSLPR

Specificity

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.

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.

Western Blotting

AHP1431 detects a band of approximately 53kDa in human liver tissue cell lysates.

References

1. Sun M *et al.* (2014) *In situ* 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. *et al.* (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

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

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.

Shelf Life

18 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 (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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