

Datasheet: AHP1206

Description:	RABBIT ANTI HUMAN INTERLEUKIN-32
Specificity:	IL-32
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			■	
ELISA			■	
Immunoprecipitation			■	
Western Blotting	■			5 - 10ug/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.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Antisera to human IL-32 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 16 amino acid peptide located near the centre of human IL-32.

**External Database
Links**

UniProt:

[P24001](#) [Related reagents](#)

Entrez Gene:

[9235](#) IL32 [Related reagents](#)

Synonyms

NK4, TAIF

Specificity

Rabbit anti Human interleukin-32 antibody recognises IL-32, a ~26 kDa cytokine, thought to play a role in innate and adaptive immune responses. IL-32 is produced by mitogen-activated lymphocytes, interferon-gamma activated epithelial cells and IL-12, IL-18, IL-32-activated NK cells. It is expressed at elevated levels after the activation of T-cells by mitogens or the activation of NK cells by IL-2. IL-32 activates NF-kappa-B and p38 MAPK cytokine signal pathways. TNF-alpha, IL-1beta, IL-6 and 2 C-X-C chemokine family members, all involved in autoimmune and inflammatory diseases, including rheumatoid arthritis are induced by IL-32.

Western Blotting

AHP1206 detects a band/s of approximately 26kDa in jurkat cell lysate.

Further Reading

1. Conti, P. (2007) Modulation of autoimmunity by the latest interleukins (with special emphasis on IL-32). [Autoimmun Rev. 6:131-7.](#)
2. Chen, Q. (2006) The newest interleukins: recent additions to the ever-growing cytokine family. [Vitam Horm. 74:207-28.](#)
3. Kim, S. (2005) Interleukin-32: a cytokine and inducer of TNFalpha. [Immunity. 22:131-42.](#)
4. Cagnard, N. (2005) Interleukin-32, CCL2, PF4F1 and GFD10 are the only cytokine/chemokine genes differentially expressed by in vitro cultured rheumatoid and osteoarthritis fibroblast-like synoviocytes. [Eur Cytokine Netw. 16:289-92.](#)

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

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

North & South America	Tel: +1 800 265 7376 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
----------------------------------	---	------------------	---	---------------	---

'M285635:160405'

Printed on 01 May 2018

© 2018 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)