

## Datasheet: OBT1272

<b>Description:</b>	GOAT ANTI HUMAN NFIL3
<b>Specificity:</b>	NFIL3
<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
Western Blotting	▪			

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.

<b>Target Species</b>	Human
<b>Product Form</b>	Ig fraction - liquid
<b>Buffer Solution</b>	Tris buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> ) 0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>Immunogen</b>	Peptide with the sequence C-RLIATQPISASDSG from the C terminus of the protein sequence according to the Entrez Gene accession number NP_005375

#### External Database Links

##### UniProt:

[Q16649](https://www.uniprot.org/entry/Q16649)

[Related reagents](#)

##### Entrez Gene:

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**Synonyms** E4BP4, IL3BP1

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**RRID** AB\_2153064

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**Specificity** **Goat anti Human NFIL3 antibody** recognizes Nuclear factor interleukin-3-regulated protein (NFIL3), also known as E4 promoter-binding protein 4, Interleukin-3 promoter transcriptional activator, Interleukin-3-binding protein 1 or Transcriptional activator NF-IL3A. NFIL3 is a 462 amino acid ~ 55-60 kDa transcriptional regulator expressed in multiple organs including bladder stomach, thyroid, spinal cord, lymph node, trachea, adrenal gland, bone marrow and muscle ([Hulme et al. 2000](#)).

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**Further Reading**

1. Kamizono, S. *et al.* (2009) Nfil3/E4bp4 is required for the development and maturation of NK cells *in vivo*. [J Exp Med. 206 \(13\): 2977-86.](#)
2. Geiger, T.L. *et al.* (2014) Nfil3 is crucial for development of innate lymphoid cells and host protection against intestinal pathogens. [J Exp Med. 211 \(9\): 1723-31.](#)

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**Storage** Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation #10058 available at:  
10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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From March 15, 2021, we will no longer supply printed datasheets with our products.  
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](http://bio-rad-antibodies.com)

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