

Datasheet: AHP2139

Description:	GOAT ANTI HUMAN TR3 ORPHAN RECEPTOR
Specificity:	TR3 ORPHAN RECEPTOR
Other names:	NUR77/NR4A1
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	▪			1/32000
Immunoprecipitation			▪	
Western Blotting	▪			1.0 - 3.0ug/ml

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.

Target Species	Human
Species Cross Reactivity	Based on sequence similarity, is expected to react with: Dog, Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human TR3 orphan receptor was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	TRIS buffered saline
Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Synthetic peptide sequence C-GRLPSKPKQPPDAS from the internal region of TR3 orphan

receptor (NP_002126.2; NP_775180.1).

External Database**Links****UniProt:**

[P22736](#) [Related reagents](#)

Entrez Gene:

[3164](#) NR4A1 [Related reagents](#)

Synonyms

GFRP1, HMR, NAK1

Specificity

Goat anti Human TR3 orphan receptor antibody recognizes human TR3 orphan receptor, otherwise known as NUR77, an immediate-early orphan nuclear receptor, and member of the nuclear receptor hormone family, encoded by the NR4A1 gene.

TR3 orphan receptor plays a role in the mediation of macrophage inflammatory responses, and in apoptosis and cell proliferation, through the binding to a variety of response elements. TR3 orphan receptor has been shown to bind to the anti-apoptotic protein Bcl-2, and can be induced by both physiological and physical stress-related stimuli, including tumour necrosis factor (TNF), inflammatory cytokines and magnetic fields.

Goat anti Human TR3 orphan receptor antibody is expected to recognise isoform a of TR3 orphan receptor.

Western Blotting

AHP2139 detects a band of approximately 60kDa in human thyroid gland cell lysates.

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.

Shelf Life

18 months from date of despatch.

Health And Safety Information

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

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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