

Datasheet: AHP1824

BATCH NUMBER 180319

Description:	GOAT ANTI HUMAN ADIPOR1 (N-TERMINAL)
Specificity:	ADIPOR1 (N-TERMINAL)
Other names:	ADIPONECTIN RECEPTOR PROTEIN 1
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	▪			1/250
ELISA			▪	
Immunoprecipitation			▪	

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: Broad
N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation Antiserum to AdipoR1 (NT) was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃) 0.1% Bovine Serum Albumin.
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Synthetic peptide SSHKGSVVAQGNGAPASNREADTVE corresponding to amino acids 2-26 within the N-terminal region of AdipoR1.
External Database Links	<p>UniProt: Q96A54 Related reagents</p> <p>Entrez Gene: 51094 ADIPOR1 Related reagents</p>
Synonyms	PAQR1, TESBP1A
RRID	AB_2305062
Specificity	<p>Goat anti ADIPOR1 antibody recognizes human Adiponectin receptor protein 1, also known as ADIPOR1 or Adiponectin receptor protein 1. ADIPOR1 is a 375 amino acid kDa multipass transmembrane protein and receptor for adiponectin (UniProt: Q96A54).</p> <p>Goat anti ADIPOR1 antibody recognizes an epitope within the N-terminal (NT) region of Adiponectin Receptor protein 1 . AdipoR1 is implicated in metabolic pathways, mediating increased fatty acid oxidation and glucose uptake by adiponectin. The expression of AdipoR1 in adipose tissue is decreased in obese humans, whilst weight loss results in increased expression.</p> <p>Goat anti ADIPOR1 antibody is reported as suitable for use in immunocytochemistry of acetone fixed cells.</p>
Histology Positive Control Tissue	Liver and muscle
References	1. Shen X <i>et al.</i> (2012) Pioglitazone prevents hyperglycemia induced decrease of AdipoR1 and AdipoR2 in coronary arteries and coronary VSMCs. Mol Cell Endocrinol. 363 (1-2): 27-35.
Storage	Store at -20°C only. 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.
Guarantee	12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10041 available at:
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Useful Reagents

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M364061:200529'

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