

Datasheet: 9536-1130

**BATCH NUMBER 160915**

<b>Description:</b>	RABBIT ANTI RAT ARG VASOPRESSIN RECEPTOR
<b>Specificity:</b>	ARG VASOPRESSIN RECEPTOR
<b>Other names:</b>	AVPR-V2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## 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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			
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 the appropriate negative/positive controls.

<b>Target Species</b>	Rat
<b>Species Cross Reactivity</b>	Based on sequence similarity, is expected to react with: Bovine, Human, Pig, Mouse <b>N.B.</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.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	21 amino acid peptide from the 3rd cytoplasmic domain of rat AVP-V2.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q00788</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">25108</a> Avpr2    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_620510
<b>Specificity</b>	<b>Rabbit anti Rat ARG vasoressin receptor antibody</b> Arginine Vasopressin Receptor (AVPR-V2). The immunising peptide has no significant similarity with AVP V1a or V1b receptors.
<b>Western Blotting</b>	A glycosylated band at approximately 62 kD is observed using membranes from rat inner medulla. N-Glycanase reduces the size of this band to 36 kD (deglycosylated form).
<b>References</b>	1. Nonoguchi, H. <i>et al.</i> (1995) Immunohistochemical localization of V2 vasopressin receptor along the nephron and functional role of luminal V2 receptor in terminal inner medullary collecting ducts. <a href="#">J Clin Invest. 96 (4): 1768-78.</a>
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10102 available at: <a href="https://www.bio-rad-antibodies.com/SDS/9536-1130">https://www.bio-rad-antibodies.com/SDS/9536-1130</a> 10102
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...)    [FITC](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...)    [RPE](#)

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

## Recommended Useful Reagents

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

**North & South** Tel: +1 800 265 7376

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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://bio-rad-antibodies.com/datasheets)

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