

## Datasheet: 7970-0004

<b>Description:</b>	SHEEP ANTI HUMAN RETINOL BINDING PROTEIN
<b>Specificity:</b>	RETINOL BINDING PROTEIN
<b>Other names:</b>	RBP
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## 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
Radioimmunoassays	▪			1/500

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>	Human
<b>Product Form</b>	Serum - liquid
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Immunogen</b>	Native retinol binding protein purified from human from urine.

### External Database Links

#### UniProt:

[P02753](#)

[Related reagents](#)

#### Entrez Gene:

[5950](#)

RBP4

[Related reagents](#)

RRID AB\_618633

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**Specificity** **Sheep anti Human Retinol Binding Protein antibody** recognizes human retinol binding protein-4, also known as Plasma retinol-binding protein, a 201 amino acids ~ 23 kDa protein and member of the lipocalin family. Sheep anti Human Retinol Binding Protein antibody demonstrated minimal reactivity with related serum and urinary proteins.

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**References** 1. Malaba, L. *et al.* (1995) Retinol-binding protein and asialo-orosomucoid are taken up by different pathways in liver cells. [J Biol Chem. 270 \(26\): 15686-92.](#)

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**Further Reading** 1. Beetham, R. *et al.* (1985) A radioimmunoassay for retinol-binding protein in serum and urine. [Clin Chem. 31 \(8\): 1364-7.](#)

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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 Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [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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