

## Datasheet: 7820-0154

<b>Description:</b>	SHEEP ANTI HUMAN PROSTATE SPECIFIC ANTIGEN
<b>Specificity:</b>	PROSTATE SPECIFIC ANTIGEN
<b>Other names:</b>	KALLIKREIN 3
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			1/1000
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.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 5.0 mg/ml

## Concentrations

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**Immunogen** Purified human prostate specific antigen from human seminal fluid.

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## External Database Links

**UniProt:**

[P07288](#)   [Related reagents](#)

**Entrez Gene:**

[354](#)   KLK3   [Related reagents](#)

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**Synonyms**   APS

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**RRID**   AB\_618632

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**Specificity**   **Sheep anti Human prostate specific antigen antibody** recognizes human prostate specific antigen, a 33-34 kDa glycoprotein with chymotrypsin-like protease activity. Sheep anti Human prostate specific antigen antibody shows minimal cross reactivity in gel diffusion with serum proteins: albumin, retinol binding protein, IgG and alpha-1-microglobulin.

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**Histology Positive Control Tissue**   Human prostate.

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**Storage**   This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee**   12 months from date of despatch

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**Health And Safety Information**   Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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](#)

### Recommended Useful Reagents

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

[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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

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