

## Datasheet: AHP1483

<b>Description:</b>	RABBIT ANTI HUMAN IGFBP-9
<b>Specificity:</b>	IGFBP-9
<b>Other names:</b>	NOV
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA	▪			0.5 - 2.0ug/ml
Western Blotting	▪			0.1 - 0.2ug/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.

**(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
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<b>Product Form</b>	Purified IgG - lyophilized
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<b>Reconstitution</b>	<p>Reconstitute with 0.1ml distilled water.</p> <p>For long term storage the addition of 0.09% sodium azide is recommended.</p> <p>Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.</p>
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<b>Antiserum Preparation</b>	Antiserum to human IGFBP-9 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
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<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	Recombinant human IGFBP-9.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P48745</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">4856</a>    NOV    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CCN3, IGFBP9, NOVH
<b>RRID</b>	AB_2298425
<b>Specificity</b>	<p><b>Rabbit anti Human IGFBP-9 antibody</b> recognizes human IGFBP-9 (insulin-like growth factor binding protein- 9), also known as NOV/CCN3, a 326 amino acid cysteine-rich secreted regulatory protein and member of the CCN family, containing the domains IGFBP, VWFC, C-Terminal cysteine knot-like and thrombospondin type I repeat.</p> <p>IGFBP-9 is an inducer of cell migration and adhesion and shows increased expression in Wilm's tumours and nephroblastomas. In contrast, decreased expression of IGFBP-9 correlates with an increase in tumourgenicity in certain cancers including childhood adrenocortical tumors (ACT).</p>
<b>References</b>	1. Abd El Kader, T. <i>et al.</i> (2013) Anti-fibrotic effect of CCN3 accompanied by altered gene expression profile of the CCN family. <a href="#">J Cell Commun Signal. 7 (1): 11-8.</a>
<b>Further Reading</b>	1. Perbal, B. (2001) NOV (nephroblastoma overexpressed) and the CCN family of genes: structural and functional issues. <a href="#">Mol Pathol. 54 (2): 57-79.</a>
<b>Storage</b>	<p>Prior to reconstitution store at -20°C.  After reconstitution store at -20°C.</p> <p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety</b>	Material Safety Datasheet documentation #10294 available at:

**Information** <https://www.bio-rad-antibodies.com/SDS/AHP1483>  
10294

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**Regulatory** For research purposes only

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## 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

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)  
[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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)  
'M399064:220628'

**Printed on 25 Mar 2023**

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