

Datasheet: 0016-0104

BATCH NUMBER 157456

Description:	SHEEP ANTI ACETAMINOPHEN
Specificity:	ACETAMINOPHEN
Other names:	PARACETAMOL
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			
Western Blotting		▪		
Immunoassay	▪			

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.

Target Species	Chemical
Product Form	Serum - liquid
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	P-Aminophenol hemisuccinide conjugated to Keyhole Limpet Hemocyanin.
RRID	AB_619644

Specificity **Sheep anti acetaminophen antibody** recognizes acetaminophen, a commonly used analgesic and antipyretic.

Sheep anti acetaminophen antibody is suitable for use in polarization fluoroimmunoassays

([Coxon et al. 1988](#)). Sheep anti acetaminophen antibody has also been used successfully for the demonstration of bound acetaminophen adducts in the liver of mice by immunohistochemistry on formalin fixed, paraffin embedded tissue sections ([Scheiermann et al. 2013](#)).

References

1. Gallacher, G. *et al.* (1988) Design of the immunogen and label for use in a fluoroimmunoassay for paracetamol. [Ann Clin Biochem. 25: 42-48.](#)
2. Coxon, R. *et al.* (1988) Development of a specific polarisation fluoroimmunoassay for paracetamol in serum. [Ann Clin Biochem. 25: 49-52](#)
3. Scheiermann, P. *et al.* (2013) Application of Interleukin-22 Mediates Protection in Experimental Acetaminophen-Induced Acute Liver Injury. [Am J Pathol. pii: S0002-9440\(13\)00019-9.](#)
4. Cernat, A. *et al.* (2015) Nanostructured Platform Based on Graphene-Polypyrrole Composite for Immunosensor Fabrication [Int. J. Electrochem. Sci., 10 \(2015\) 4718 - 31](#)

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10081 available at:
10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

Regulatory

For research purposes only

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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