

Datasheet: 9400-0409G

Description:	SHEEP ANTI BOVINE UBIQUITIN
Specificity:	UBIQUITIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1/100 - 1/2000

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	Bovine
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0mg/ml
Immunogen	Native ubiquitin, purified from bovine erythrocytes to a purity ≥ 90% by SDS-PAGE.
External Database Links	UniProt: P62990 Related reagents

Specificity	<p>Sheep anti Bovine ubiquitin antibody recognizes ubiquitin, a 8.6 kDa cytoplasmic and nuclear protein highly conserved across species.</p> <p>Ubiquitin functions as a protein modifier which covalently attaches to lysines as either a monomer or as a lysine-linked polymer. Attachment as a Lys-48 polymer usually leads to the target protein undergoing proteolytic degradation. Attachment as a monomer does not result in degradation and may be linked to functions including maintenance of chromatin structure, regulation of gene expression, stress response and DNA repair.</p> <p>Ubiquitin can be detected in both normal and diseased brain tissues including the neurofibrillary tangles of Alzheimers disease, Lewy bodies in Parkinsons disease and Pick bodies in Pick's disease.</p>
ELISA	Sheep anti Bovine Ubiquitin antibody may be used in an indirect ELISA with native bovine ubiquitin (9400-1502) as the standard.
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/9400-0409G 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Positive Controls

[NATIVE BOVINE UBIQUITIN \(9400-1502\)](#)

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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)

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