

Datasheet: 9400-0409G

**BATCH NUMBER 151265**

<b>Description:</b>	SHEEP ANTI BOVINE UBIQUITIN
<b>Specificity:</b>	UBIQUITIN
<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
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.

<b>Target Species</b>	Bovine
<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 Concentrations</b>	IgG concentration 5.0mg/ml
<b>Immunogen</b>	Native ubiquitin, purified from bovine erythrocytes to a purity ≥ 90% by SDS-PAGE.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P62990</a> <a href="#">Related reagents</a>

<b>Specificity</b>	<p><b>Sheep anti Bovine ubiquitin antibody</b> 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>
<b>ELISA</b>	Sheep anti Bovine Ubiquitin antibody may be used in an indirect ELISA with native bovine ubiquitin ( <a href="#">9400-1502</a> ) as the standard.
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody.</p> <p>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 Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/9400-0409G">https://www.bio-rad-antibodies.com/SDS/9400-0409G</a> 10040
<b>Regulatory</b>	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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