

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

Sheep anti Bovine ubiquitin antibody recognizes ubiquitin, a 8.6 kDa cytoplasmic and nuclear protein highly conserved across species.

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.

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.

ELISA	Sheep anti Bovine Ubiquitin antibody may be used in an indirect ELISA with native bovine ubiquitin (9400-1502) as the standard.
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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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](#), [DyLight®549](#), [DyLight®649](#),
[FITC](#), [HRP](#)

Recommended Positive Controls

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

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