

## Datasheet: 6295-0471

<b>Description:</b>	SHEEP ANTI BOVINE MONOAMINE OXIDASE
<b>Specificity:</b>	MONOAMINE OXIDASE
<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	▪			

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>	5 mg/ml
<b>Immunogen</b>	Monoamine oxidase from bovine from plasma.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P56560</a> <a href="#">Related reagents</a></p> <p><a href="#">P21398</a> <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">338445</a> MAOB <a href="#">Related reagents</a></p> <p><a href="#">281293</a> MAOA <a href="#">Related reagents</a></p>

<b>Specificity</b>	<b>Sheep anti Bovine monoamine oxidase antibody</b> recognizes monoamine oxidase, an enzyme found in the mitochondrial membrane, responsible for the oxidation and breakdown of monoamines and therefore for the destruction of transmitter substances at neuronal synapses.
<b>References</b>	1. Jiang, Y. <i>et al.</i> (2016) The effects of MCA-MAO on cAMP pathway in rats with cerebral hemorrhage. <a href="#">Eur Rev Med Pharmacol Sci. 20 (9): 1834-8.</a>
<b>Storage</b>	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.
<b>Shelf Life</b>	18 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/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	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](#)

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