

Datasheet: 9344-9979

Description:	SHEEP ANTI MUSHROOM TYROSINASE
Specificity:	TYROSINASE
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.2 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 - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting	▪			

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	Fungal
Product Form	Serum - liquid
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Purified native mushroom tyrosinase
External Database Links	UniProt: O42713 Related reagents
RRID	AB_620454

Specificity **Sheep anti Mushroom tyrosinase antibody** recognizes mushroom tyrosinase, also known as 5,6-dihydroxyindole-2-carboxylic acid oxidase, DHICA oxidase, Glycoprotein 75,

Melanoma antigen gp75, Tyrosinase-related protein 1 or TRP-1. Tyrosinase is widely distributed in both animals and plants, it is a copper containing oxidase involved in the biosynthesis of melanin in mammals and is involved in fruit browning reactions ([Thalmann and Lötzbeyer 2002](#)).

In man, mutations in the TYRP1 gene can lead to the development of Albinism, oculocutaneous, 3 (OCA3), a condition characterized by reduced deposition of melanin in the skin, hair and eyes.

References

1. Lezzi, C. *et al.* (2012) Production of recombinant *Agaricus bisporus* tyrosinase in *Saccharomyces cerevisiae* cells. [J Ind Microbiol Biotechnol. 39 \(12\): 1875-80.](#)

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

18 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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