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

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 antmals 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.
Shelf Life	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, DyLight®549, DyLight®649, FITC, HRP

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'M312965:180306'

Printed on 02 May 2018

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