

Datasheet for ABIN7142653

**anti-Tyrosinase-Related Protein 1 antibody (AA 91-186)
(Biotin)**



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Overview

Quantity:	100 µL
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Binding Specificity:	AA 91-186
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosinase-Related Protein 1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human 5,6-dihydroxyindole-2-carboxylic acid oxidase protein (91-186AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Tyrosinase-Related Protein 1 (TYRP1)
Alternative Name:	TYRP1 (TYRP1 Products)
Background:	Background: Catalyzes the oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid. May regulate or influence the type of melanin synthesized.

Target Details

Also to a lower extent, capable of hydroxylating tyrosine and producing melanin.

Aliases: 5 antibody, 5,6 dihydroxyindole 2 carboxylic acid oxidase antibody, 6-dihydroxyindole-2-carboxylic acid oxidase antibody, b-PROTEIN antibody, CAS2 antibody, Catalase B antibody, CATB antibody, DHICA oxidase antibody, Glycoprotein 75 antibody, GP75 antibody, Melanoma antigen gp75 antibody, OCA3 antibody, TRP antibody, TRP-1 antibody, TRP1 antibody, Tyrosinase related protein 1 antibody, Tyrosinase-related protein 1 antibody, TYRP antibody, TYRP1 antibody, TYRP1_HUMAN antibody, TYRRP antibody

UniProt: [P17643](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.