

Datasheet for ABIN7142652

**anti-Tyrosinase-Related Protein 1 antibody (AA 91-186)**[Go to Product page](#)**1** Image

## 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 un-conjugated
Application:	Immunofluorescence (IF), 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 ( <a href="#">TYRP1 Products</a> )
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: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

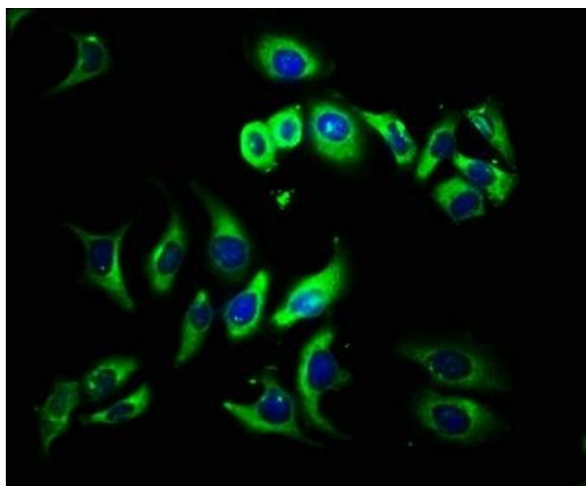
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



#### Immunofluorescence

**Image 1.** Immunofluorescence staining of A549 cells with ABIN7142652 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).