Datasheet for ABIN7661559

anti-Tyrosinase-Related Protein 1 antibody

Go to Product page

Overview

Quantity:	50 µL
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosinase-Related Protein 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Tyrosinase-Related Protein-1 (TYRP-1) (Melanoma Marker)
Immunogen:	Recombinant human TYRP1 protein
Isotype:	IgG
Characteristics:	Reacts with a 75 kDa melanocyte-specific gene product, identified as Tyrosinase-related protein-1 (TRP-1). It is involved in melanin synthesis. TRP1 is present on the melanosomal membranes of melanoma, normal melanocytes and nevi. Recent evidence suggests that TRP-1 is involved in maintaining stability of tyrosinase protein and modulating its catalytic activity. TRP-1 is also involved in maintenance of melanosome ultrastructure and affects melanocyte proliferation and cell death. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower

Product Details

	fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	Tyrosinase-Related Protein 1 (TYRP1)
Alternative Name:	Tyrosinase Related Protein-1
Background:	Synonyms: 5, 6 dihydroxyindole 2 carboxylic acid oxidase, 6-dihydroxyindole-2-carboxylic acid oxidase, Associated with iris pigmentation, CAS2, Catalase B (CATB), DHICA oxidase, Glycoprotein75 (GP75), Melanoma antigen gp75, Tyrosinase-related protein 1 (TYRP1), TYRRP Gene Symbol: TYRP1 Tissue Expression: Melanocytes
Molecular Weight:	75 kDa
Gene ID:	7306
UniProt:	P17643

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Positive Control: SK-MEL-23, SK-MEL-19, SK-MEL-30, SK-MEL-37 cells. Melanoma.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, no BSA, no azide
Preservative:	Without preservative
Storage:	-20 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Store at -20 °C. Protect fluorescent conjugates from light
Expiry Date:	24 months

Copyright antibodies-online. All rights reserved.