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Datasheet for ABIN7173988 anti-TYR antibody (AA 19-377)

2 Images



Overview

Quantity:	100 µg
Target:	TYR
Binding Specificity:	AA 19-377
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYR antibody is un-conjugated
Application:	Immunofluorescence (IF), ELISA, Immunohistochemistry (IHC)

Product Details

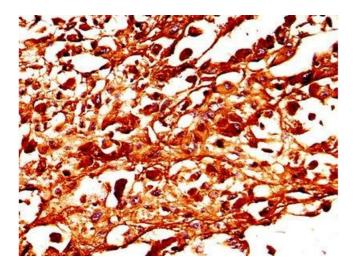
Immunogen:	Recombinant Human Tyrosinase protein (19-377AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

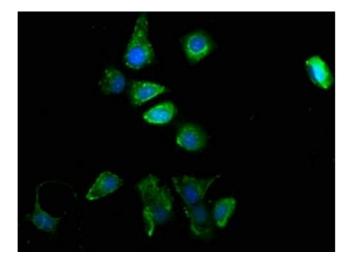
Target Details

Target:	TYR
Alternative Name:	TYR (TYR Products)
Background:	Background: This is a copper-containing oxidase that functions in the formation of pigments
	such as melanins and other polyphenolic compounds. Catalyzes the rate-limiting conversions

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	of tyrosine to DOPA, DOPA to DOPA-quinone and possibly 5,6-dihydroxyindole to indole-5,6
	quinone.
	Aliases: ATN antibody, CMM8 antibody, LB24 AB antibody, LB24-AB antibody, Monophenol
	monooxygenase antibody, OCA1 antibody, OCA1A antibody, OCAIA antibody, Oculocutaneous
	albinism IA antibody, SHEP3 antibody, SK29 AB antibody, SK29-AB antibody, Tumor rejection
	antigen AB antibody, TYR antibody, TYRO_HUMAN antibody, tyrosinase (oculocutaneous
	albinism IA) antibody, Tyrosinase antibody
UniProt:	P14679
Application Details	
Application Notes:	Recommended dilution: IHC:1:200-1:500, 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.





Immunohistochemistry

Image 1. IHC image of ABIN7173988 diluted at 1:300 and staining in paraffin-embedded human melanoma performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunofluorescence

Image 2. Immunofluorescence staining of MCF-7 cells with ABIN7173988 at 1:100, 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-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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