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Datasheet for ABIN391521

anti-TYR antibody (AA 176-205)

3 Images

Overview

Quantity:	400 µL
Target:	TYR
Binding Specificity:	AA 176-205
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYR antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TYR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-205 amino acids from the Central region of human TYR.
Clone:	RB19154
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	TYR
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Target Details

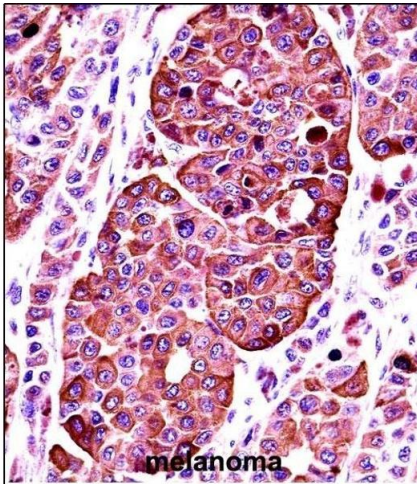
Alternative Name:	TYR (TYR Products)
Background:	TYR catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The protein has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this protein result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation.
Molecular Weight:	60393
Gene ID:	7299
NCBI Accession:	NP_000363
UniProt:	P14679

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

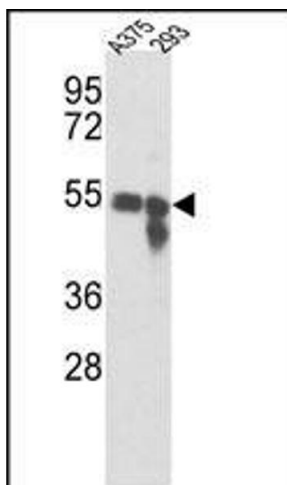
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



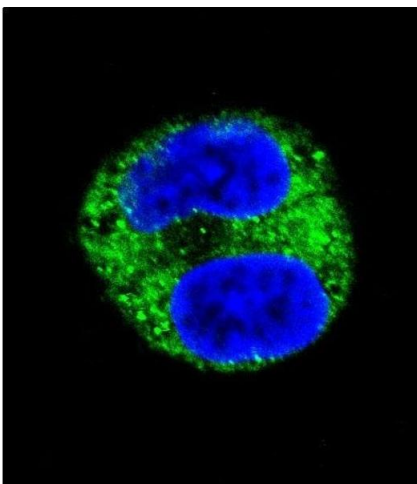
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. TYR Antibody (Center) ((ABIN391521 and ABIN2841481))immunohistochemistry analysis in formalin fixed and paraffin embedded human melanoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TYR Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of Tyrosinase Antibody (Center) (ABIN391521 and ABIN2841481) in , 293 cell line lysates (35 µg/lane). Tyrosinase (arrow) was detected using the purified Pab.



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of TYR Antibody (Center) (ABIN391521 and ABIN2841481) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DI was used to stain the cell nuclear (blue).