# antibodies - online.com







# anti-TYR antibody (AA 486-513)



**Images** 



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Quantity:	0.4 mL
Target:	TYR
Binding Specificity:	AA 486-513
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYR antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)
Product Details	
Immunogen:	A portion of amino acids 486-513 from the human protein was used as the immunogen for this Tyrosinase antibody.
Isotype:	lg Fraction

# **Target Details**

Purified

Purification:

Target:	TYR
Alternative Name:	Tyrosinase (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

# **Target Details**

	requires copper for function. Mutations in this protein result in oculocutaneous albinism, and
	nonpathologic polymorphisms result in skin pigmentation variation.
UniProt:	P14679

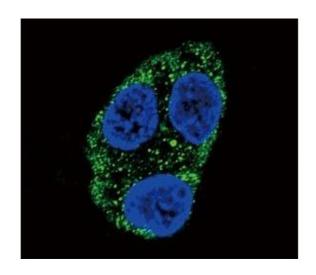
# **Application Details**

Application Notes:	Titration of the Tyrosinase antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-
	1:50,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

# Handling

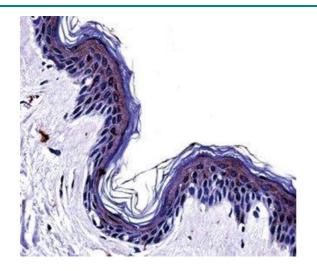
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Tyrosinase antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

# **Images**



### Immunofluorescence

**Image 1.** Confocal immunofluorescent analysis of Tyrosinase antibody with HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



# **Immunohistochemistry**

**Image 2.** Tyrosinase antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue.

### **Western Blotting**

**Image 3.** Western blot analysis of Tyrosinase antibody and HepG2 lysate.

Please check the product details page for more images. Overall 6 images are available for ABIN3029406.