

Tyrosinase Polyclonal Antibody

Catalog NumberPA5-14232

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Flow Cytometry (Flow)	1:10-1:50
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50
Immunogen	KLH conjugated synthetic peptide between 486-513 amino acids from the C-terminal region of human Tyrosinase	Western Blot (WB)	1:1,000
		Immunocytochemistry (ICC/IF)	1:10-1:50
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	2 mg/mL		
Purification	Size-exclusion - Dialysis, Ammonium sulfate precipitation		
Storage buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Background/Target Information

The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3' half of this gene.

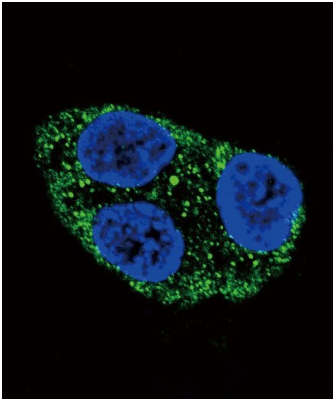
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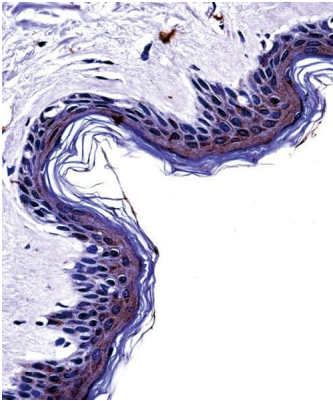
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Product Images For Tyrosinase Polyclonal Antibody



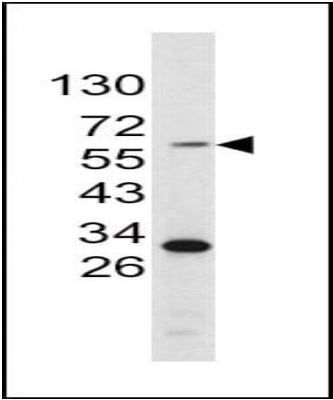
Tyrosinase Antibody (PA5-14232) in ICC/IF

Immunofluorescent analysis of HepG2 cells using a Tyrosinase polyclonal antibody (Product # PA5-14232) at a dilution of 1:10-50, followed by a fluor-conjugated goat anti-rabbit secondary antibody (green). Nuclei were stained with DAPI (blue).



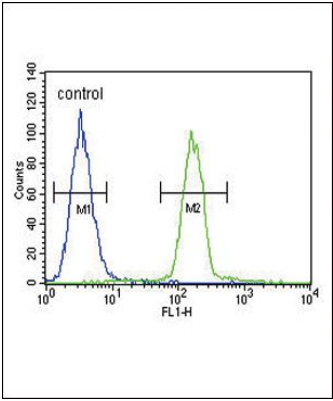
Tyrosinase Antibody (PA5-14232) in IHC (P)

Immunohistochemistry analysis in formalin-fixed, paraffin-embedded human skin tissue using a Tyrosinase polyclonal antibody (Product # PA5-14232), followed by HRP-conjugated secondary antibody and DAB staining.



Tyrosinase Antibody (PA5-14232) in WB

Western blot analysis using a Tyrosinase polyclonal antibody (Product # PA5-14232) in HepG2 cell lysates (35 µg per lane).



Tyrosinase Antibody (PA5-14232) in Flow

Flow cytometry analysis of A375 cells using a Tyrosinase polyclonal antibody (Product # PA5-14232) (right) compared to a negative control cell (left) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody

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