

Anti-Tyrosinase Rabbit pAb



WL01000

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Tyrosinase Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
	IF	1:500	
Cellular localization	Melanosome membrane		
Pack size	50/100/200/500/1000µl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background

Tyrosinase (TYR), a type I membrane protein and copper-containing enzyme, is involved in the production of melanin, the primary pigment found in vertebrates. Tyrosinase is the rate limiting enzyme catalyzing the first two steps in the melanin biosynthesis, converting tyrosine to L-dihydroxy-phenylalanine (DOPA) and subsequently to DOPAquinone. Tyrosinase is implicated to be an antigen target for melanoma vaccines. Anti-tyrosinase antibodies may be applied for immunotherapy in patients with malignant melanoma.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Tyrosinase.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

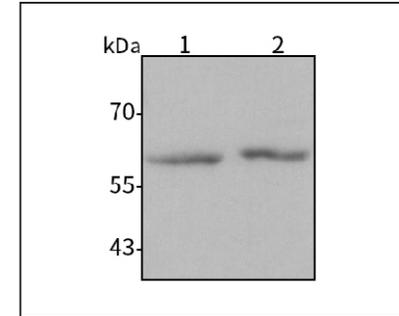
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Product Images



Western blot-Anti-Tyrosinase pAb

Lane 1: Mouse skin tissue lysate

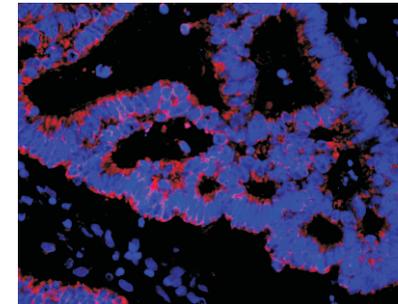
Lane 2: Rat skin tissue lysate

All lanes: Anti-Tyrosinase at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 60 kDa

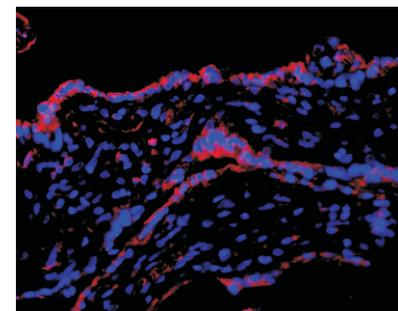
Observed band size: 60 kDa



Immunofluorescence-Anti-Tyrosinase pAb

Immunofluorescence analysis of paraffin-embedded human rectum cancer using anti-Tyrosinase Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Tyrosinase pAb

Immunofluorescence analysis of paraffin-embedded human eclampsia placenta using anti-Tyrosinase Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0