

Datasheet for ABIN6940841

anti-Tyrosinase-Related Protein 1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Tyrosinase-Related Protein 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human TYRP1 protein
Clone:	TYRP1-1564R
Isotype:	IgG
Specificity:	It reacts with a 75 kDa melanocyte-specific gene product, identified as Tyrosinase-related protein-1 (TRP-1). It is involved in melanin synthesis. TRP1 is present on the melanosomal membranes of melanoma, normal melanocytes and nevi. Recent evidence suggests that TRP-1 is involved in maintaining stability of tyrosinase protein and modulating its catalytic activity. TRP-1 is also involved in maintenance of melanosome ultrastructure and affects melanocyte proliferation and cell death.

Target Details

Target:	Tyrosinase-Related Protein 1 (TYRP1)
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Target Details

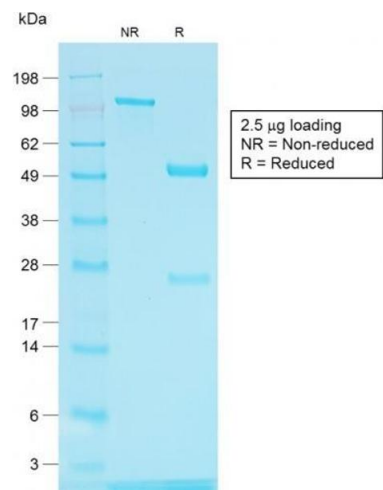
Alternative Name:	TYRP1 (TYRP1 Products)
Molecular Weight:	75kDa
Gene ID:	7306
UniProt:	P17643

Application Details

Application Notes:	Positive Control: SK-MEL-23, SK-MEL-19, SK-MEL-30, SK-MEL-37 cells. Melanoma. Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

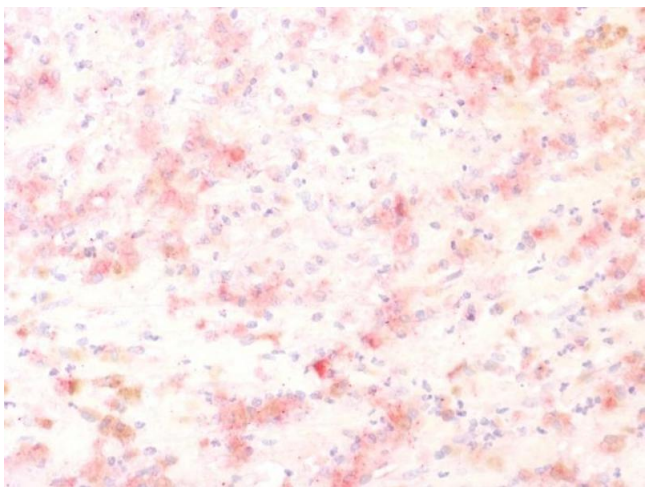
Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % 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,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis of Purified TYRP1 Rabbit Recombinant Monoclonal Antibody (TYRP1/1564R)



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Melanoma stained with TYRP1 Rabbit Recombinant Monoclonal Antibody (TYRP1/1564R) using AEC Chromogen.