

Datasheet for ABIN5708054

anti-Tyrosinase-Related Protein 1 antibody (TRP1)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Binding Specificity:	TRP1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Human recombinant protein used as the immunogen for this recombinant TYRP1 antibody.
Clone:	TYRP1-1564R
Isotype:	IgG kappa
Purification:	Purified
Purity:	Protein A affinity chromatography

Target Details

Target:	Tyrosinase-Related Protein 1 (TYRP1)
Alternative Name:	Tyrosinase-Related Protein-1 (TYRP1 Products)
Background:	Tyrosinase-Related Protein-1 / TYRP1 / TRP1 is involved in melanin synthesis. It is present on the melanosomal membranes of melanoma, normal melanocytes and nevi. Recent evidence

Target Details

suggests that TRP1 is involved in maintaining stability of tyrosinase protein and modulating its catalytic activity. It is also involved in maintenance of melanosome ultrastructure and affects melanocyte proliferation and cell death.

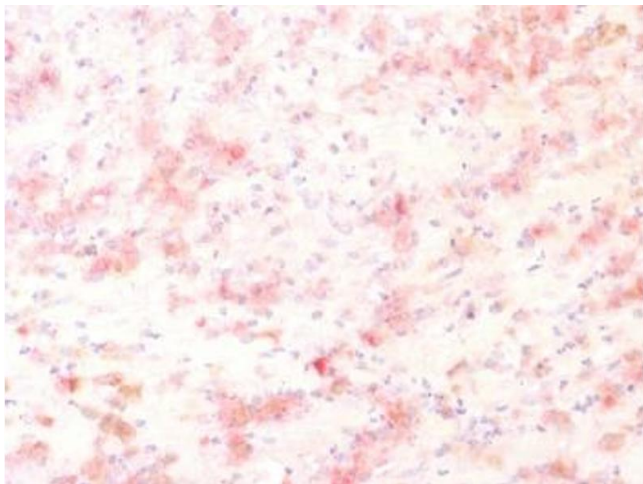
Application Details

Application Notes:	The optimal dilution of the recombinant TYRP1 antibody for each application should be determined by the researcher.\. Immunohistochemistry (FFPE) : 5-10 µg/mL for 30 min at RT
Restrictions:	For Research Use only

Handling

Buffer:	0.2 mg/mL in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % 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:	Store the recombinant TYRP1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Images



Immunohistochemistry

Image 1. IHC testing of FFPE human melanoma with recombinant TYRP1 antibody, HRP secondary and AEC chromogen. HIER: steam sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min.