

Datasheet for ABIN5708051

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:	AA 257-377, TRP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Tyrosinase-Related Protein 1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A portion of amino acids 257-377 was used as the immunogen for this recombinant TRP1 antibody.
Clone:	TYRP1-2340R
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)

Target Details

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 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.
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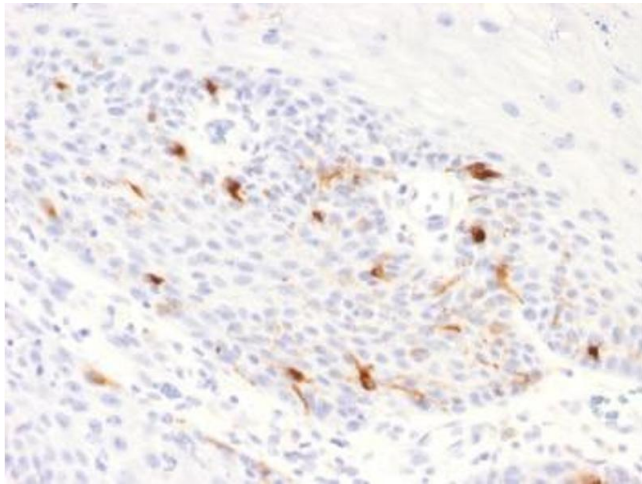
Application Details

Application Notes:	The optimal dilution of the recombinant TRP1 antibody for each application should be determined by the researcher.\. Immunohistochemistry (FFPE) : 1-2 µg/mL for 30 min at RT,Prediluted IHC only format : incubate for 30 min at RT (1)
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 TRP1 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 basal cell carcinoma with recombinant TRP1 antibody (clone TYPR1/2340R). Required HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.