

Rabbit anti-Human TRP1 Polyclonal Antibody | anti-TYRP1 antibody

Anti-TRP1 Antibody, Rabbit Polyclonal

CATALOG # AAA255853	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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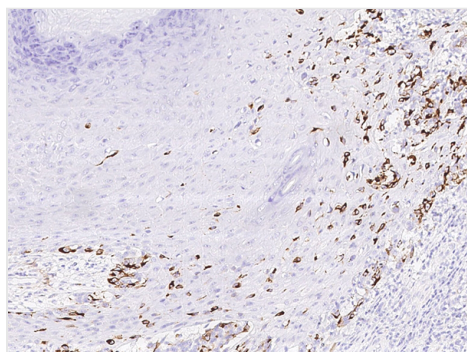
PRODUCT SYNONYMS

TRP1; Polyclonal Antibody; Anti-TRP1 Antibody; Rabbit Polyclonal; TRP1 Antibody; Rabbit PAb; Antigen Affinity Purified; tyrosinase-related protein 1; Anti-b-PROTEIN Antibody; Anti-CAS2 Antibody; Anti-CATB Antibody; Anti-GP75 Antibody; Anti-OCA3 Antibody; Anti-TRP Antibody; Anti-TYRP Antibody; anti-TYRP1 antibody

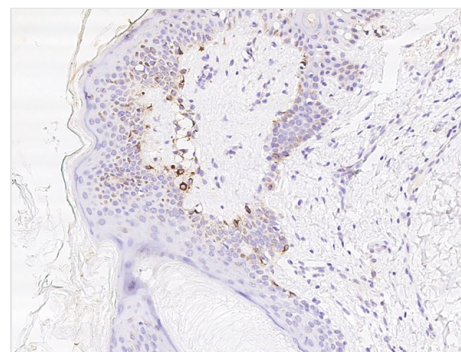
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TRP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TYRP1 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human TRP1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human TRP1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human TRP1 in human malignant melanoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human TRP1 in human skin with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TYRP1 antibody	Tyrosinase-related protein 1, also known as TYRP1 or TRP1, is a melanosomal enzyme that belongs to the tyrosinase family and plays an important role in the melanin biosynthetic pathway. Mutations in this enzyme are the cause of rufous oculocutaneous albinism and oculocutaneous albinism type III. TYRP1/TRP1 is involved in the oxidation of 5, 6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5, 6-quinone-2-carboxylic acid. This enzyme may regulate or influence the type of melanin synthesized. The expression of Tyrosinase-related protein 1 (TYRP1) is regulated by the microphthalmia-associated transcription factor (MITF). There is mounting evidence demonstrating that in addition to its role in eumelanin synthesis, TYRP1 is involved in maintaining stability of tyrosinase proliferation and melanocyte cell death.
References	Sarangarajan R, et al. (2001) Tyrp1 and oculocutaneous albinism type 3. Pigment Cell Res. 14(6): 437-44.Box NF, et al. (1998) Complete sequence and polymorphism study of the human TYRP1 gene encoding tyrosinase-related protein 1. Genome. 9 (1): 50-3.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trp1-antibody-immunohistochemistry-elisa/255853>