

A21267

Leader in Biomolecular Solutions for Life Science



Tyrosinase Rabbit mAb

Catalog No.: A21267 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

60kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC53166

Background

The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3' half of this gene.

Recommended Dilutions

IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID	Swiss Prot
7299	P14679

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Tyrosinase (NP_000363.1).

Synonyms

ATN; CMM8; OCA1; OCA1A; OCAIA; SHEP3; Tyrosinase

Contact



www.abclonal.com

Product Information

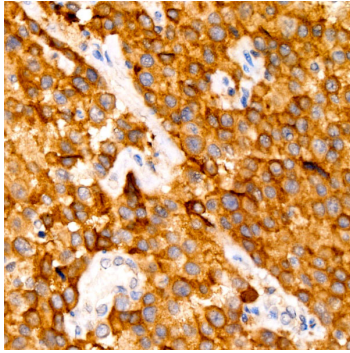
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

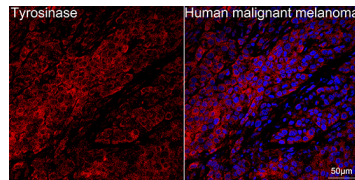
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Immunohistochemistry analysis of Tyrosinase in paraffin-embedded Human malignant melanoma using Tyrosinase Rabbit mAb (A21267) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Confocal imaging of paraffin-embedded Human malignant melanoma tissue using Tyrosinase Rabbit mAb (A21267, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.