
Tyrosinase Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251315

Unit: 0.1 mg

Description:

Tyrosinase is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds. Tyrosinase catalyzes the rate-limiting conversions of tyrosine to DOPA, DOPA to DOPA-quinone and 5,6-dihydroxyindole to indole-5,6 quinone.

Defects in TYR are the cause of albinism oculocutaneous type 1A (OCA1A), also known as tyrosinase negative oculocutaneous albinism. OCA1A an autosomal recessive disorder in which the biosynthesis of melanin pigment is absent in skin, hair, and eyes.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Tyrosinase; Monophenol monooxygenase; Tumor rejection antigen AB; SK29-AB; LB24-AB; TYR

Accession No.: P14679

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human tyrosinase.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.