

Product datasheet for TA382972

Tyrosinase (TYR) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200

Reactivity: Human

Modifications: Unmodified

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 20-340 of

human TYR (NP_000363.1).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

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

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 42kDa/60kDa

Gene Name: tyrosinase

Database Link: Entrez Gene 7299 Human

P14679

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

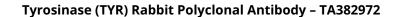
this gene.



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Synonyms:

LB24-AB; OCA1A; OCAIA; SHEP3; SK29-AB; tyrosinase