

Product datasheet for **TA323679**

Tyrosinase (TYR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: A375, Hela and Jurkat cells
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 19-319 amino acids of human tyrosinase
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	tyrosinase
Database Link:	NP_000363 Entrez Gene 22173 Mouse 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.
Synonyms:	ATN; CMM8; OCA1; OCA1A; OCA1A; SHEP3

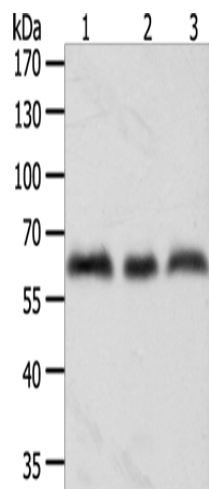


[View online »](#)

Protein Families: Transmembrane

Protein Pathways: Melanogenesis, Metabolic pathways, Riboflavin metabolism, Tyrosine metabolism

Product images:



Gel: 10%SDS-PAGE

Lysate: 50 μ g

Lane 1-3: A375 cells

HeLa cells

Jurkat cells

Primary antibody: TA323679 (TYR Antibody) at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes