

## Product datasheet for **TA323679S**

### Tyrosinase (TYR) Rabbit Polyclonal Antibody

#### Product data:

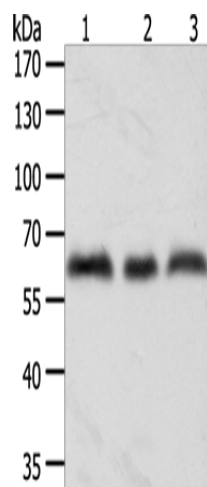
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: A375, Hela and Jurkat cells
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 19-319 amino acids of human tyrosinase
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
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:	<a href="#">NP_000363</a> <a href="#">Entrez Gene 22173 Mouse</a> <a href="#">Entrez Gene 7299 Human</a> <a href="#">P14679</a>
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; OCAIA; SHEP3
Protein Families:	Transmembrane



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

### Product images:



Gel: 10%SDS-PAGE  
Lysate: 50  $\mu$ 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