

Tyrosinase Rabbit mAb
Catalog # AP77225**Specification****Tyrosinase Rabbit mAb - Product Information**

Application	WB
Primary Accession	P14679
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	60393

Tyrosinase Rabbit mAb - Additional Information

Gene ID 7299

Other Names

TYR

Dilution

WB~~1/500-1/1000

Format

Liquid

Tyrosinase Rabbit mAb - Protein InformationName TYR ([HGNC:12442](#))**Function**

This is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds. Catalyzes the initial and rate limiting step in the cascade of reactions leading to melanin production from tyrosine (By similarity). In addition to hydroxylating tyrosine to DOPA (3,4- dihydroxyphenylalanine), also catalyzes the oxidation of DOPA to DOPA-quinone, and possibly the oxidation of DHI (5,6-dihydroxyindole) to indole-5,6 quinone (PubMed:28661582).

Cellular Location

Melanosome membrane; Single-pass type I membrane protein. Melanosome {ECO:0000250|UniProtKB:P11344}. Note=Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38 {ECO:0000250|UniProtKB:P11344}

Tyrosinase Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Tyrosinase Rabbit mAb - Images

