

DATASHEET

TYRP1 Rabbit Monoclonal Antibody(C1186)

CAT. NO. AMA00798

KEY FEATURES

Target	TYRP1	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Plays a role in melanin biosynthesis . Catalyzes the oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid in the presence of bound Cu(2+) ions, but not in the presence of Zn(2+) . May regulate or influence the type of melanin synthesized . Also to a lower extent, capable of hydroxylating tyrosine and producing melanin .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

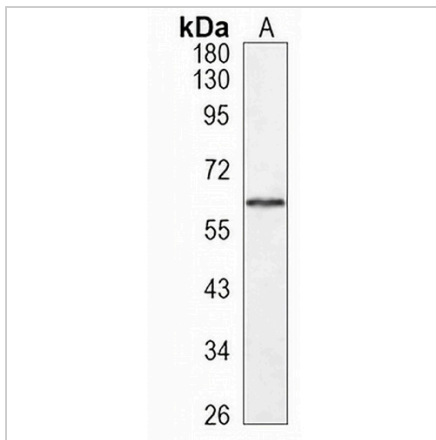
Description	Recombinant rabbit monoclonal antibody to TYRP1
Specificity	Recognizes endogenous levels of TYRP1 protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human TYRP1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 60 kD; Observed: 61 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	CAS2; TYRP; TYRRP; 5,6-dihydroxyindole-2-carboxylic acid oxidase; DHICA oxidase; Catalase B; Glycoprotein 75; Melanoma antigen gp75; Tyrosinase-related protein 1; TRP; TRP-1; TRP1
Gene Symbol	TYRP1
Entrez Gene	7306(Human); 22178(Mouse)
SwissProt	P17643(Human); P07147(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TYRP1 expression in mouse brain (A) whole cell lysates.
(Predicted band size: 60 kD; Observed band size: 61 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.