Product Datasheet

TYR Antibody

Catalog No: #32259

Package Size: #32259-1 50ul #32259-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	TYR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total TYR protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TYR.
Conjugates	Unconjugated
Target Name	TYR
Other Names	CMM8; OCA1A; OCAIA; SHEP3;
Accession No.	Swiss-Prot:P14679NCBI Gene ID:7299
SDS-PAGE MW	60KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

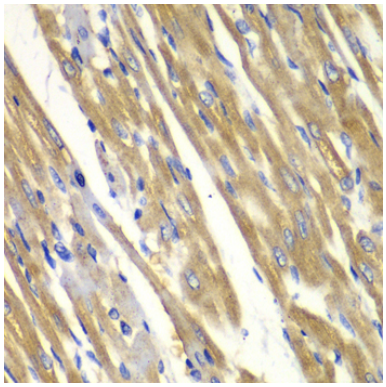
Application Details

WB□1:500 - 1:2000

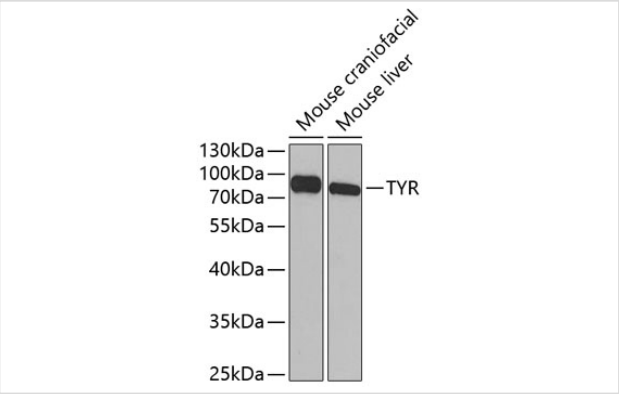
IHC□1:50 - 1:200

IF□1:50 - 1:200

Images



Immunohistochemistry of paraffin-embedded rat heart using TYR antibody at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using TYR antibody at 1:1000 dilution.

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.

Published Papers

Xiaoyu Chen;Chengxia Shu;Wenqiang Li;Qiangqiang Hou;Guangmei Luo;Kexin Yang;Xiaoxing Wu el at., Discovery of a Novel Src Homology-2 Domain Containing Protein Tyrosine Phosphatase-2 (SHP2) and Cyclin-Dependent Kinase 4 (CDK4) Dual Inhibitor for the Treatment of Triple-Negative Breast Cancer, , (2022)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.