

TYR Rabbit Polyclonal Antibody

Catalog No: #53674

Package Size: #53674-1 50ul #53674-2 100ul

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

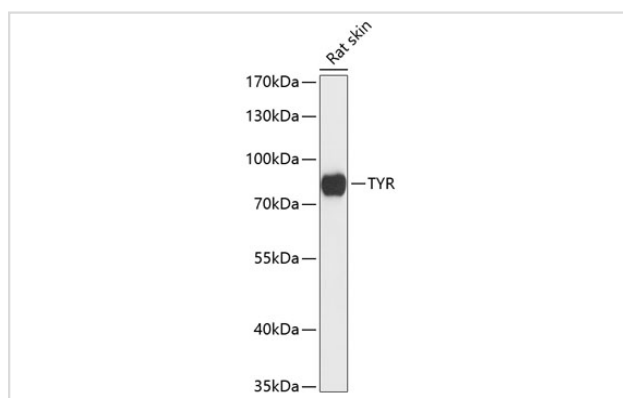
Description

Product Name	TYR Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human;Rat
Immunogen Description	Recombinant fusion protein of human TYR (NP_000363.1).
Conjugates	Unconjugated
Other Names	TYR;ATN;CMM8;OCA1;OCA1A;OCAIA;SHEP3
Accession No.	Uniprot:P14679GenelD:7299
Calculated MW	42kDa/60kDa
SDS-PAGE MW	80kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of rat skin, using TYR antibody.

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 et al., 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.