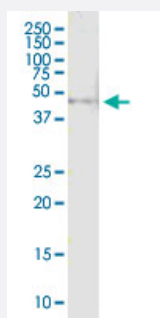


TYR (Human) IP-WB Antibody Pair

Catalog # H00007299-PW2

Size 1 Set

Applications



Immunoprecipitation of TYR transfected lysate using rabbit polyclonal anti-TYR and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-TYR.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TYR transfected lysate using rabbit polyclonal anti-TYR and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-TYR.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-TYR (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-TYR (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — TYR

Entrez GeneID	7299
Gene Name	TYR
Gene Alias	OCA1A, OCAIA, SHEP3
Gene Description	tyrosinase (oculocutaneous albinism IA)
Omim ID	103470 203100 606933 606952
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	tyrosinase

Pathway

- [Betalain biosynthesis](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Isoquinoline alkaloid biosynthesis](#)
- [Melanogenesis](#)
- [Metabolic pathways](#)
- [Riboflavin metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Albinism](#)
- [Autistic Disorder](#)

- [Autoimmune Diseases](#)
- [Bone Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hermanski-Pudlak Syndrome](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)
- [Neoplasm Metastasis](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Vitiligo](#)
- [Werner syndrome](#)