

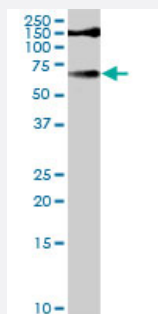
MaxPab®

TYR purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007299-D01P

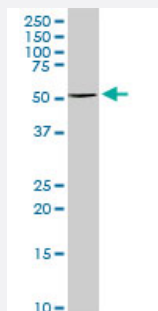
Size 100 ug

Applications



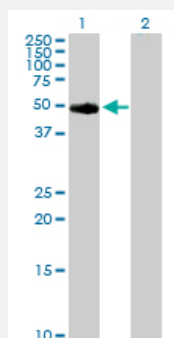
Western Blot (Tissue lysate)

TYR MaxPab rabbit polyclonal antibody. Western Blot analysis of TYR expression in mouse kidney.



Western Blot (Cell lysate)

TYR MaxPab rabbit polyclonal antibody. Western Blot analysis of TYR expression in HepG2.



Western Blot (Transfected lysate)

Western Blot analysis of TYR expression in transfected 293T cell line ([H00007299-T02](#)) by TYR MaxPab polyclonal antibody.

Lane 1: TYR transfected lysate(42.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human TYR protein.

Immunogen	TYR (AAH27179.1, 1 a.a. ~ 377 a.a) full-length human protein.
Sequence	MLLAVLYCLLWSFQTSAGHFPRACVSSKNLMEKECCPPWSGDRSPCGQLSGRGSCQNILLSNA PLGPQFPFTGVDDRESWPSVFYNRTCQC SGNFMGFNCGNCKFGFWGPNCTERRLLVRRNIFDL SAPEKDKFFAYLTLAKHTISSDYVIPIGTYGQMKNGSTPMFNDINIDLFVWMHYVVSMDALLGGSEI WRDIDFAHEAPAFLPWHRLFLLRWEQEIQKLTGDENFTIPYWDWRDAEKCDICTDEYMGGQHPT NPNLLSPASFFSSWQIVCSRLEEYNHQS LCNGTPEGPLRRNPGNHDKSRTPLRPSSADVEFCL SLTQYESGSM DKAANFSFRNTLEEMGFLHVGWAGLKLLTSRDP PPWPPKMLGLQA
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

TYR MaxPab rabbit polyclonal antibody. Western Blot analysis of TYR expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

TYR MaxPab rabbit polyclonal antibody. Western Blot analysis of TYR expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TYR expression in transfected 293T cell line ([H00007299-T02](#)) by TYR MaxPab polyclonal antibody.

Lane 1: TYR transfected lysate(42.90 KDa).

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[Protocol Download](#)

Gene Info — TYR

Entrez GeneID [7299](#)

GeneBank Accession# [BC027179.1](#)

Protein Accession#	AAH27179.1
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

Publication Reference

- [CRISPR-clear imaging of melanin-rich B16-derived solid tumors.](#)

Rajib Schubert, Taegeun Bae, Branko Simic, Sheena N Smith, Seong-Ho Park, Gabriela Nagy-Davidescu, Viviana Gradinaru, Andreas Plückthun, Junho K Hur.

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Application: WB-Ce, Mouse, B16 cells

Pathway

- [Betain 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](#)