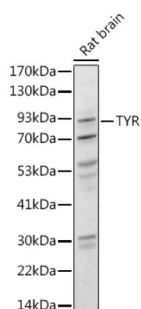
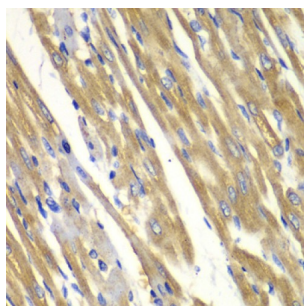


Tyrosinase (TYR) Antibody

Catalogue No.: abx001163



Western blot analysis of extracts of Rat brain using Tyrosinase Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded rat heart using Tyrosinase Antibody (1/100 dilution, 40x lens). Microwave antigen retrieval was performed in 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

TYR Antibody is a Rabbit Polyclonal antibody against TYR. 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, Oct 2008].

Target: Tyrosinase (TYR)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human TYR

Isotype: IgG

Datasheet

Version: 4.0.0
Revision date: 02 Sep 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P14679 (UniProt , ExPASy)
Gene Symbol:	TYR
GeneID:	7299
NCBI Accession:	NP_000363.1
KEGG:	hsa:7299
String:	9606.ENSP00000263321
Molecular Weight:	Calculated MW: 42 kDa/60 kDa Observed MW: 80 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.