

TYR Rabbit Polyclonal Antibody



CAB1254

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

80kDa

Calculated MW:

42kDa/60kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

7299

Uniprot

P14679

Synonyms:

TYR; ATN; CMM8; OCA1; OCA1A; OCA1A; SHEP3

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

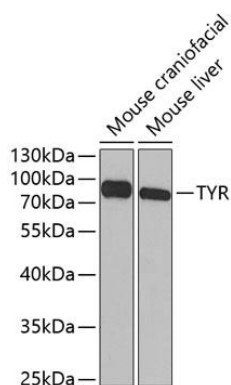
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 20-340 of human TYR (NP_000363.1).

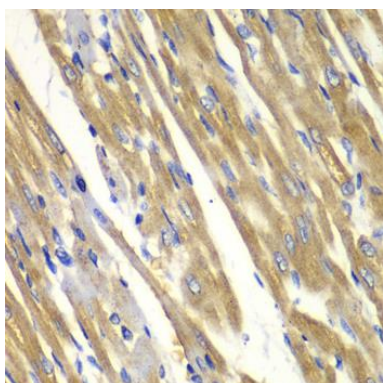
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

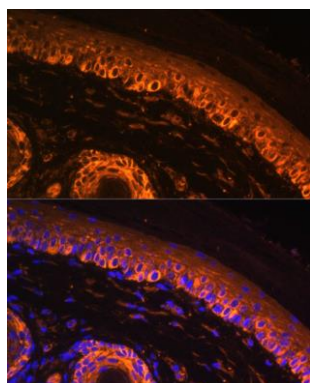
Product Images



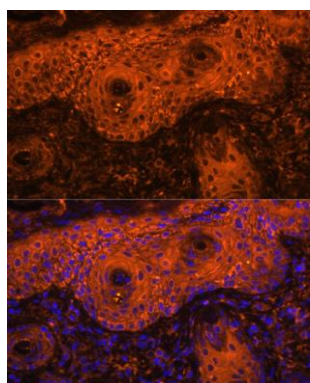
Western blot analysis of extracts of various cell lines, using TYR antibody (CAB1254) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded rat heart using TYR antibody (CAB1254) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of rat skin using TYR antibody (CAB1254) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of human skin cancer using TYR antibody (CAB1254) at dilution of 1:100. Blue: DAPI for nuclear staining.