

Note: Centrifuge before opening to ensure complete recovery of vial contents.

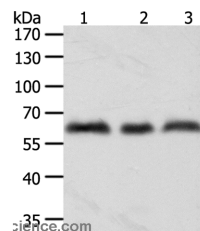
Description

Reactivity	Human, Mouse
Immunogen	Recombinant protein of human TYR
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

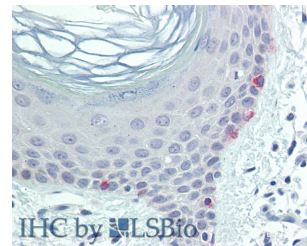
Applications Recommended Dilution

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

Data



Western Blot analysis of A375, HeLa and Jurkat cell using TYR Polyclonal Antibody at dilution of 1:600
Calculated Mw: 60kDa



Immunohistochemistry of paraffin-embedded Skin tissue using TYR Polyclonal Antibody at dilution of 1:100 (Elabscience[®] Product Detected by Lifespan).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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