Description: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 $3^{\prime}$ half of this gene.

Antigen:Recombinant protein of human TYR

## Form:

How to use: 1.0 ml distilled water will be added to the product
Stability: Lyophilized product, 5 years at $2-8^{\circ} \mathrm{C}$; Solution, 2 years at $-20^{\circ} \mathrm{C}$
Dilution:PBS (pH7.4) containing 1\% BSA
Application:This antibody can be used for western blotting in concentration of $1 ? 5 ? \mathrm{~g} / \mathrm{ml}$.
Specificity:

