



<b>Swiss-Prot No.:</b>	P14679
<b>Storage/Stability:</b>	Store at -20 °C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Immunogen:</b>	Recombinant protein of human TYR.
<b>Purification:</b>	Affinity purification
<b>Reactivity:</b>	Human,Mouse
<b>Other Names:</b>	—
<b>Background:</b>	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.
<b>Gene ID:</b>	7299
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal Antibodies
<b>Isotype:</b>	IgG
<b>Molecular Weight:</b>	42kDa/60kDa

**Recommended  
Dilutions:**

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

IP 1:50 - 1:200