

## Anti-TYR antibody

<b>Cat. No.</b>	ml221392
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-TYR rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human TYR
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.2 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	TYR
<b>Full name</b>	Tyrosinase

**Synonyms** CMM8; OCA1A; OCA1A; SHEP3

**Swissprot** P14679

### **Target 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.

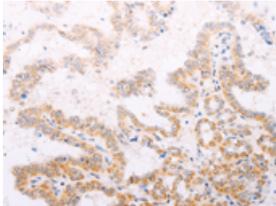
## Applications

### Immunohistochemistry

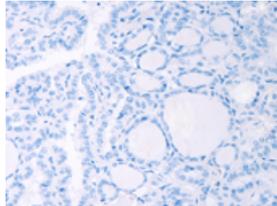
Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100



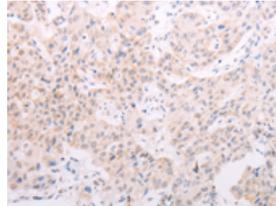
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221392(TYR Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)



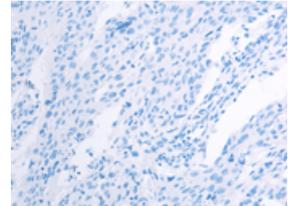
Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml221392(TYR Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)



### Western blotting

Predicted band size: 60 kDa

Positive control: A375, Hela and Jurkat cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 10%SDS-PAGE

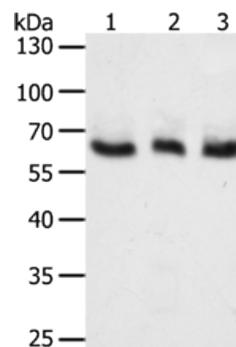
Lysate: 50  $\mu$ g

Lane 1-3: A375 cells, Hela cells, Jurkat cells

Primary antibody: ml221392(TYR Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



## ELISA

Recommended dilution: 2000-5000

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