

## TYR Antibody

Catalog No: #32259

Package Size: #32259-1 50ul #32259-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

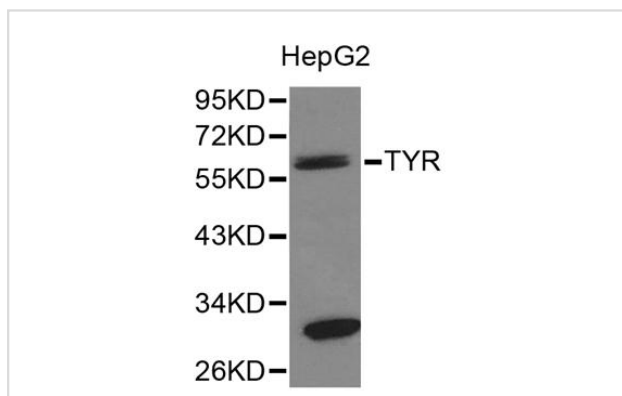
|                       |  |
|-----------------------|--|
| Product Name          | TYR Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Purification          | Antibodies were purified by affinity purification using immunogen.   |
| Applications          | WB IHC   |
| Species Reactivity    | Human,Rat,Mouse  |
| Specificity           | The antibody detects endogenous level of total TYR protein.  |
| Immunogen Type        | Recombinant Protein  |
| Immunogen Description | Recombinant protein of human TYR.  |
| Target Name           | TYR  |
| Other Names           | CMM8; OCA1A; OCAIA; SHEP3;   |
| Accession No.         | Swiss-Prot:P14679NCBI Gene ID:7299   |
| Uniprot               | P14679   |
| GeneID                | 7299;  |
| SDS-PAGE MW           | 60KD   |
| Concentration         | 1.0mg/ml   |
| Formulation           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at -20°C   |

## Application Details

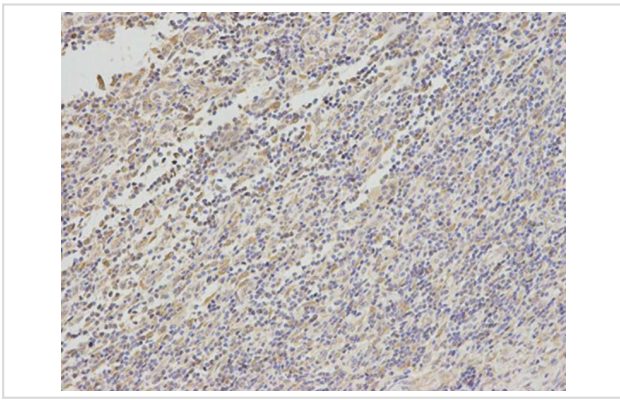
Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:100

## Images



Western blot analysis of HepG2 cell lysate using TYR antibody.



Immunohistochemical analysis of paraffin-embedded human stomach cancer using TYR antibody at dilution of 1:100 (200x lens).

## 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.

Note: This product is for in vitro research use only