

TYR Antibody

Catalog No: #32259

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

Description

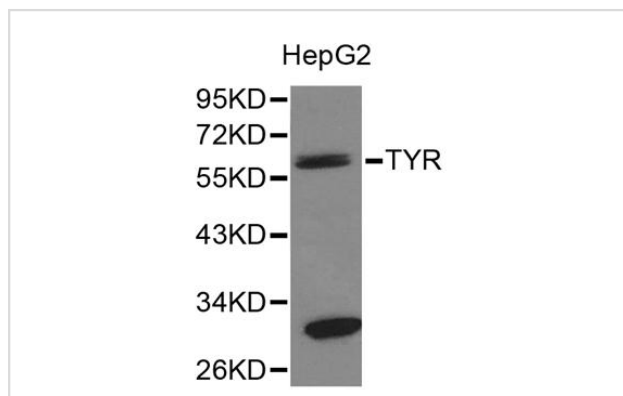
Product Name	TYR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Human,Rat,Mouse
Specificity	The antibody detects endogenous level of total TYR protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TYR.
Conjugates	Unconjugated
Target Name	TYR
Other Names	CMM8; OCA1A; OCA1A; SHEP3;
Accession No.	Swiss-Prot:P14679NCBI Gene ID:7299
SDS-PAGE MW	60KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

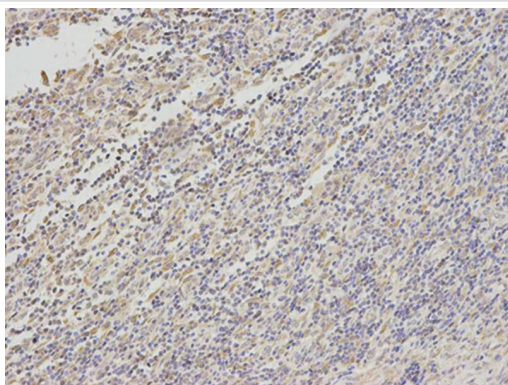
Western blotting: 1:500 - 1:2000

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.

Published Papers

Xiaoyu Chen;Chengxia Shu;Wenqiang Li;Qiangqiang Hou;Guangmei Luo;Kexin Yang;Xiaoxing Wu et al., Discovery of a Novel Src Homology-2 Domain Containing Protein Tyrosine Phosphatase-2 (SHP2) and Cyclin-Dependent Kinase 4 (CDK4) Dual Inhibitor for the Treatment of Triple-Negative Breast Cancer, , (2022)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.