A16993

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Tyrosinase Rabbit pAb

Catalog No.: A16993 1 Publications

Basic Information

Observed MW
70kDa

Calculated MW
60kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
7299

Swiss Prot
P14679

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
ATN; CMM8; OCA1; OCA1A; OCAIA; SHEP3; Tyrosinase

Contact

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Product Information

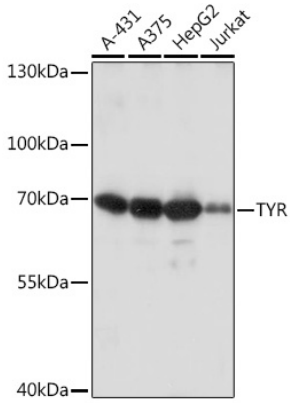
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using Tyrosinase Rabbit pAb (A16993) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.