

Rabbit TYR Polyclonal Antibody | anti-TYR antibody

TYR Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10704	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

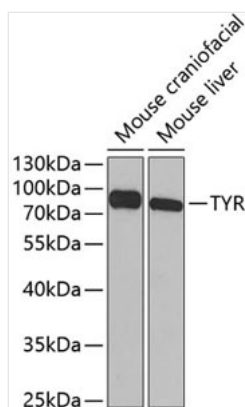
PRODUCT SYNONYMS

TYR; Polyclonal Antibody; TYR Polyclonal Antibody; ATN; CMM8; OCA1; OCA1A; OCAIA; SHEP3; tyrosinase; anti-TYR antibody

PRODUCT SPECIFICATIONS

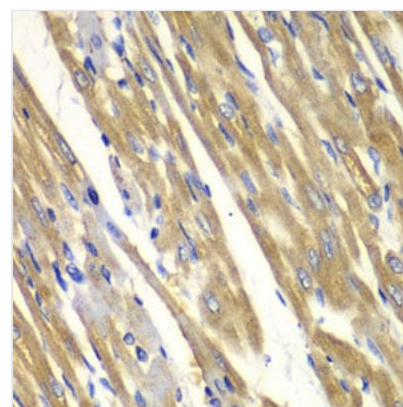
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Applicable Applications for anti-TYR antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Recommended Dilutions: WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-340 of human TYR (NP_000363.1).
Catagory	Primary antibody
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles

IMAGES



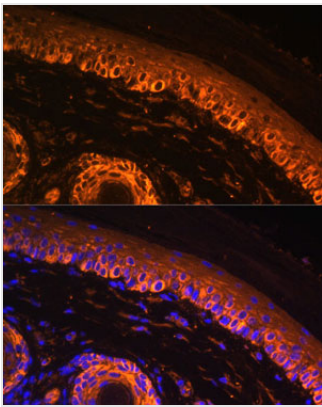
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TYR antibody (AAA10704) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



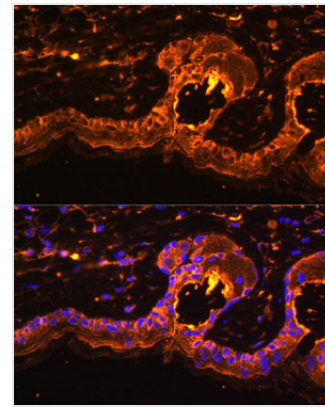
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using TYR antibody (AAA10704) at dilution of 1:100 (40x lens).



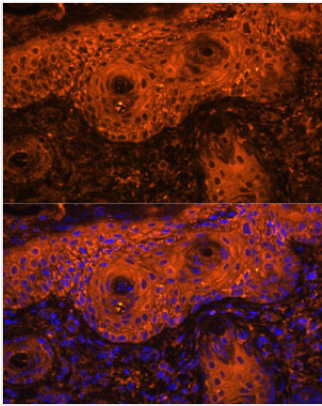
IF (Immunofluorescence)

Immunofluorescence analysis of rat skin using TYR antibody (AAA10704) at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of mouse skin using TYR antibody (AAA10704) at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of human skin cancer using TYR antibody (AAA10704) at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-TYR antibody

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.

Product Categories/Family for anti-TYR antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	401235
NCBI GeneID	7299
UniProt Accession #	P14679; Q15675; Q15676; Q15680; Q8TAK4; Q9BYY0; Q9BZX1
Molecular Weight	Calculated MW: 42kDa/60kDa Observed MW: 80kDa
NCBI Official Full Name	Tyrosinase
NCBI Official Synonym Full Names	tyrosinase
NCBI Official Symbol	TYR
NCBI Official Synonym Symbols	ATN; CMM8; OCA1; OCA1A; OCAIA; SHEP3

NCBI Protein Information	tyrosinase; LB24-AB; SK29-AB; monophenol monooxygenase; oculocutaneous albinism IA; tumor rejection antigen AB
UniProt Protein Name	Tyrosinase
UniProt Gene Name	TYR
UniProt Entry Name	TYRO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tyr-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10704>