

Rabbit TYR Polyclonal Antibody | anti-TYR antibody

TYR Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288125	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

TYR; Polyclonal Antibody; TYR Antibody (Center); Tyrosinase; LB24-AB; Monophenol monooxygenase; SK29-AB; Tumor rejection antigen AB; anti-TYR antibody

PRODUCT SPECIFICATIONS

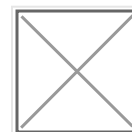
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TYR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-205 amino acids from the Central region of human TYR.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	176-205
Sequence Length	529
Applicable Applications for anti-TYR antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

TYR Antibody (Center) (AAA288125) immunohistochemistry analysis in formalin fixed and paraffin embedded human melanoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TYR Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



IF (Immunofluorescence)

Confocal immunofluorescent analysis of TYR Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)

Western blot analysis of Tyrosinase Antibody (Center) in A375, 293 cell line lysates (35ug/lane). Tyrosinase (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TYR antibody	TYR catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The protein has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this protein result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation.
Product Categories/Family for anti-TYR antibody	Cancer; Metabolism; Signal Transduction
References	Ostankovitch, M. J. Immunol. 182 (8), 4830-4835 (2009) Chintamaneni, C.D. Proc. Natl. Acad. Sci. U.S.A. 88 (12), 5272-5276 (1991)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507753
NCBI GeneID	7299
NCBI Accession #	NP_000363.1
NCBI GenBank Nucleotide #	NM_000372.4
UniProt Accession #	P14679; Q15675; Q15676; Q15680; Q8TAK4; Q9BYY0; Q9BZX1
Molecular Weight	60393
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
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://stage.aaabiotech.com/polyclonal/tyr-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/288125>