

Rabbit anti-Human Tyrosinase Polyclonal Antibody | anti-TYR antibody

Tyrosinase Antibody

CATALOG # AAA306997	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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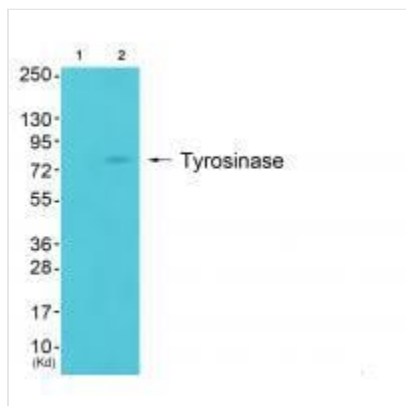
PRODUCT SYNONYMS

Tyrosinase; Polyclonal Antibody; Tyrosinase Antibody; TYR; EC 1.14.18.1; Monophenol monooxygenase; Tumor rejection antigen AB; SK29-AB; anti-TYR antibody

PRODUCT SPECIFICATIONS

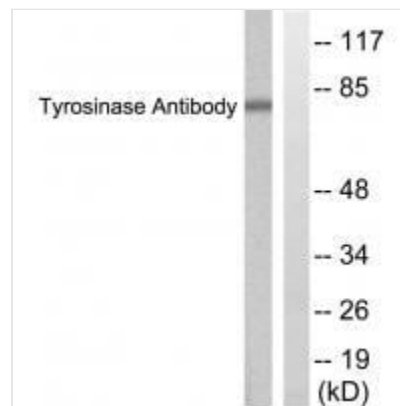
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total tyrosinase protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	529
Applicable Applications for anti-TYR antibody	WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human tyrosinase.
Target Name	Tyrosinase
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells (Lane 2), using Tyrosinase antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from COS7 cells, treated with UV (30mins), using Tyrosinase antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TYR antibody	This is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds. Catalyzes the rate-limiting conversions of tyrosine to DOPA, DOPA to DOPA-quinone and possibly 5,6-dihydroxyindole to indole-5,6 quinone.Patricia Giraldo, Nucleic Acids Res., Nov 2003; 31: 6290 - 6305. R Halaban, J. Cell Biol., Aug 1983; 97: 480. Hee-Young Park, J. Biol. Chem., Jun 1999; 274: 16470. BB Fuller, J. Biol. Chem., Mar 1987; 262: 4024 - 4033.
Product Categories/Family for anti-TYR antibody	Total protein Ab

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	42,914 Da
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/tyrosinase-antibody-western-blot-elisa/306997>