

Rabbit TYR Polyclonal Antibody | anti-TYR antibody

TYR antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199410	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish	Western Blot

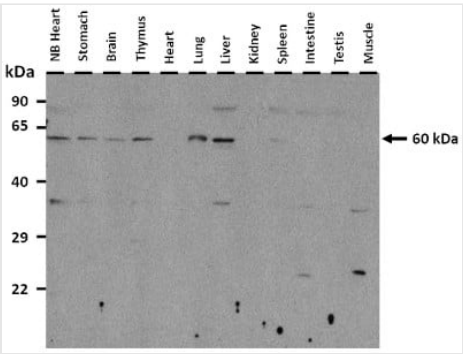
PRODUCT SYNONYMS

TYR; Polyclonal Antibody; TYR antibody - middle region; anti-TYR antibody

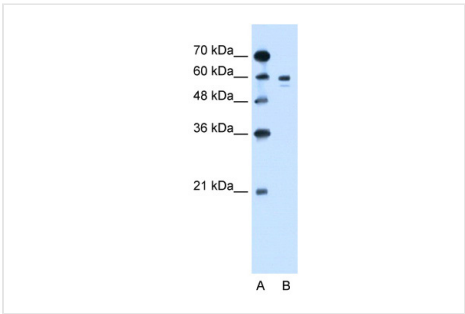
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: CL SLTQYESGSM DKAANFSFRN TLEGFASPLT GIADASQSSM HNALHIYM
Sequence Length	529
Applicable Applications for anti-TYR antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 100%; Goat: 100%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%; Zebrafish: 83%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TYR
Protein Size (# AA)	529 amino acids
Protein Interactions	SYVN1; UBC; TYRP1; RB1;
Blocking Peptide	For anti-TYR antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
25 ug of the indicated Mouse whole cell or tissue extracts was loaded onto a 12% SDS-PAGE gel. 1 ug/mL of the antibody was used in this experiment.



WB (Western Blot)
WB Suggested Anti-TYR Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TYR antibody	This is a rabbit polyclonal antibody against TYR. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TYR is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds. It catalyzes the rate-limiting conversions of tyrosine to DOPA, DOPA to DOPA-quinone and possibly 5,6-dihydroxyindole to indole-5,6 quinone.
Product Categories/Family for anti-TYR antibody	Polyclonal; Signal Proteins; Membrane Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507753
NCBI GeneID	7299
NCBI Accession #	NP_000363
NCBI GenBank Nucleotide #	NM_000372
UniProt Accession #	P14679
Molecular Weight	60kDa
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.