Rabbit TYRP1 Polyclonal Antibody | anti-TYRP1 antibody

TYRP1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199424	**Rabbit**	**Tested Species Reactivity: Human, MousePredicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish**	**Western Blot, Immunohistochemistry**

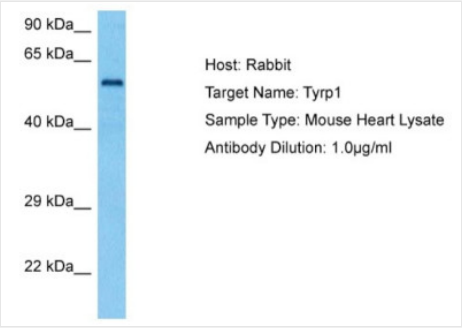
PRODUCT SYNONYMS

TYRP1; Polyclonal Antibody; TYRP1 antibody - middle region; anti-TYRP1 antibody

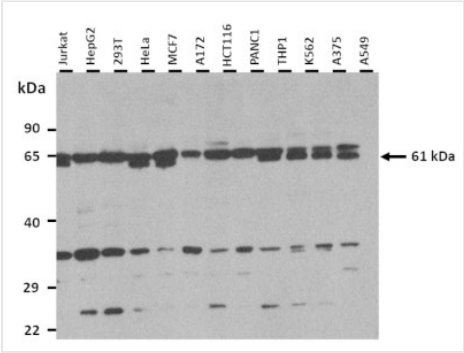
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human, Mouse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:ND PIFVLLHTFT DAVFDEWLRR YNADISTFPL ENAPIGHNRQ YNMVPFWP
Sequence Length	537
Applicable Applications for anti-TYRP1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human TYRP1
Protein Size (# AA)	537 amino acids
Protein Interactions	RAB11A; TF; RAB5A; HSPA4; TYR; GIPC1;
Blocking Peptide	For anti-TYRP1 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.

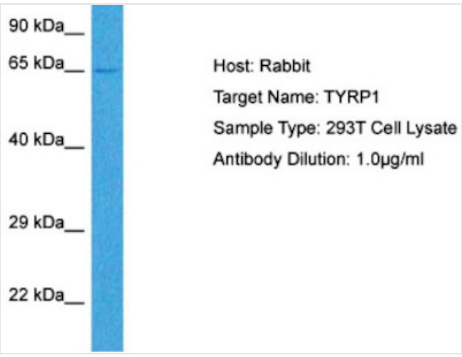
IMAGES



WB (Western Blot)
Host: RabbitTarget Name: TYRP1Sample Tissue: Mouse HeartAntibody Dilution: 1ug/ml

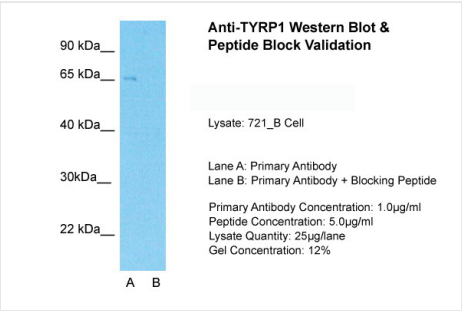


WB (Western Blot)
25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 1 ug/mL of the antibody was used in this experiment. Protein is expressed as 61 kDa preprotein and is processed to approximately 56 kDa. It is also highly glycosylated.

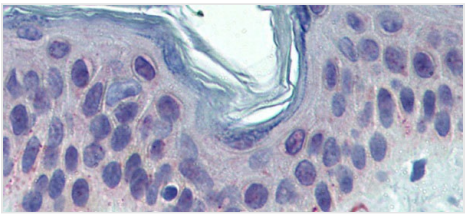


WB (Western Blot)
Human 293T Whole Cell;Host: RabbitTarget Name: TYRP1Sample Tissue: Human 293T Whole CellAntibody Dilution: 1ug/ml

WB (Western Blot)
WB Suggested Anti-TYRP1 Antibody Titration: 1 ug/mlPositive Control: 721_B cell lysate



WB (Western Blot)
Host: RabbitTarget Name: TYRP1Sample Type: Human 721_BLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 1ug/mlPeptide Concentration: 5.0 ug/mlLysate Quantity: 25ug/lane/laneGel Concentration: 12%



IHC (Immunohistochemistry)
Rabbit Anti-TYRP1 AntibodyParaffin Embedded Tissue: Human SkinAntibody Concentration: 5 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TYRP1 antibody	Target Description: TYRP1 catalyses the oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid. It may regulate or influence the type of melanin synthesized.
Product Categories/Family for anti-TYRP1 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507757

NCBI GeneID	7306
NCBI Accession #	NP_000541
NCBI GenBank Nucleotide #	NM_000550
UniProt Accession #	P17643
Molecular Weight	61 kDa
NCBI Official Full Name	5,6-dihydroxyindole-2-carboxylic acid oxidase
NCBI Official Synonym Full Names	tyrosinase related protein 1
NCBI Official Symbol	TYRP1
NCBI Official Synonym Symbols	TRP; CAS2; CATB; GP75; OCA3; TRP1; TYRP; b-PROTEIN
NCBI Protein Information	5,6-dihydroxyindole-2-carboxylic acid oxidase
UniProt Protein Name	5,6-dihydroxyindole-2-carboxylic acid oxidase
UniProt Gene Name	**TYRP1**
UniProt Synonym Gene Names	CAS2; TYRP; TYRRP; DHICA oxidase; TRP; TRP-1; TRP1

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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