

Datasheet for ABIN2781813

anti-Tyrosinase-Related Protein 1 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Tyrosinase-Related Protein 1 (TYRP1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Goat, Horse, Rabbit, Sheep, Cow, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosinase-Related Protein 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TYRP1
Sequence:	AKRTTHPLFV IATRRSEEIL GPDGNTQPFE NISIYNYFVW THYYSVKKTF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 93%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against TYRP1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Tyrosinase-Related Protein 1 (TYRP1)
---------	--------------------------------------

Target Details

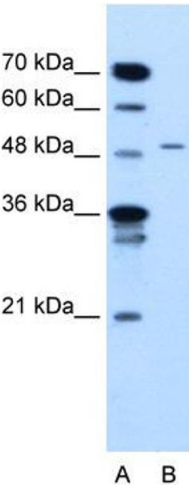
Alternative Name:	TYRP1 (TYRP1 Products)
Background:	<p>TYRP1 catalyses the oxidation of 5,6-dihydroxyindole-2-carboxylic acid (DHICA) into indole-5,6-quinone-2-carboxylic acid. It may regulate or influence the type of melanin synthesized.</p> <p>Alias Symbols: CAS2, CATB, GP75, TRP, TYRP, b-PROTEIN</p> <p>Protein Interaction Partner: RAB11A, TF, RAB5A, HSPA4, TYR, GIPC1,</p> <p>Protein Size: 537</p>
Molecular Weight:	59 kDa
Gene ID:	7306
NCBI Accession:	NM_000550 , NP_000541
UniProt:	P17643

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 537 AA
Restrictions:	For Research Use only

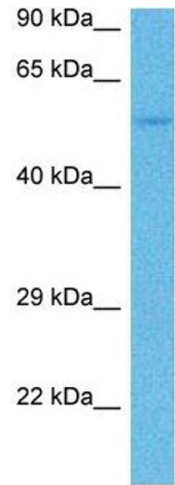
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-TYRP1 Antibody Titration:
2.5ug/ml Positive Control: Jurkat cell lysate



Western Blotting

Image 2. Host: Mouse Target Name: TYRP1 Sample Tissue:
Mouse Liver Antibody Dilution: 1ug/ml