

Datasheet for ABIN7264197

anti-PRPS1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	PRPS1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRPS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide of human PRPS1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PRPS1
Alternative Name:	PRPS1 (PRPS1 Products)
Background:	This gene encodes an enzyme that catalyzes the phosphoribosylation of ribose 5-phosphate to 5-phosphoribosyl-1-pyrophosphate, which is necessary for purine metabolism and nucleotide biosynthesis. Defects in this gene are a cause of phosphoribosylpyrophosphate synthetase superactivity, Charcot-Marie-Tooth disease X-linked recessive type 5 and Arts Syndrome. Two

Target Details

	transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: 35 kDa Calculated_MW: 27 kDa/34 kDa
Gene ID:	5631
UniProt:	P60891
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using PRPS1 Polyclonal Antibody at dilution of 1:1000.

