

Datasheet for ABIN7168153
**anti-Ribose 5-Phosphate Isomerase A (RPIA) (AA 1-311)
antibody**



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Ribose 5-Phosphate Isomerase A (RPIA)
Binding Specificity:	AA 1-311
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Ribose-5-phosphate isomerase protein (1-311AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Antigen Affinity purified & Affinity purified

Target Details

Target:	Ribose 5-Phosphate Isomerase A (RPIA)
Alternative Name:	RPIA (RPIA Products)
Background:	Background: cytosol, intracellular membrane-bounded organelle, identical protein binding, ribose-5-phosphate isomerase activity, D-ribose metabolic process, pentose-phosphate shunt,

Target Details

pentose-phosphate shunt, non-oxidative branch

Aliases: EC 5.3.1.6 antibody, MGC103524 antibody, Phosphoriboisomerase A antibody, Phosphoriboisomerase antibody, Ribose 5 phosphate isomerase antibody, ribose 5-phosphate epimerase antibody, ribose 5-phosphate isomerase A antibody, Ribose-5-phosphate isomerase antibody, RPI antibody, rpiA antibody, RPIA_HUMAN antibody, zgc:103524 antibody

UniProt: [P49247](#)

Pathways: [Cellular Glucan Metabolic Process](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: IHC,

Restrictions: For Research Use only

Handling

Format: Liquid

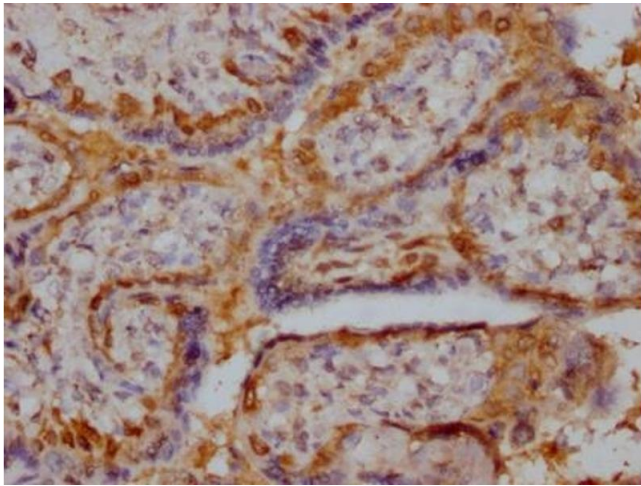
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

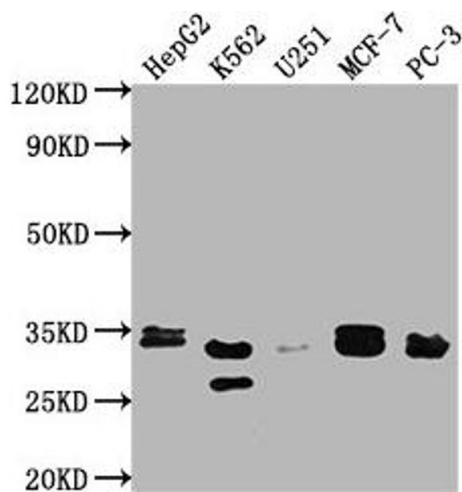
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7168153 diluted at 1:400 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG labeled by HRP and visualized using 0.05 % DAB.



Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate, K562 whole cell lysate, U251 whole cell lysate, MCF-7 whole cell lysate, PC-3 whole cell lysate All lanes: RPIA antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 34 kDa Observed band size: 33 kDa