ANTIBODIES ONLINE

Datasheet for ABIN632490
anti-PRPS2 antibody (Middle Region)

2 Images

Overview

Quantity:	100 μL
Target:	PRPS2
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Zebrafish (Danio rerio), Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRPS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	PRPS2 antibody was raised using the middle region of PRPS2 corresponding to a region with amino acids VSPDAGGAKRVTSIADRLNVEFALIHKERKKANEVDRMVLVGDVKDRVAI
Specificity:	PRPS2 antibody was raised against the middle region of PRPS2
Purification:	Affinity purified

Target Details

Target:	PRPS2
Alternative Name:	PRPS2 (PRPS2 Products)
Background:	PRPS2 is a phosphoribosyl pyrophosphate synthetase that plays a central role in the synthesis of purines and pyrimidines. The PRPS2 protein catalyzes the synthesis of 5-phosphoribosyl 1-pyrophosphate from ATP and D-ribose 5-phosphate.

Target Details

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Molecular Weight:	35 kDa (MW of target protein)
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

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Application Notes:	WB: 0.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PRPS2 Blocking Peptide, catalog no. 33R-9816, is also available for use as a blocking control in assays to test for specificity of this PRPS2 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PRPS2 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images
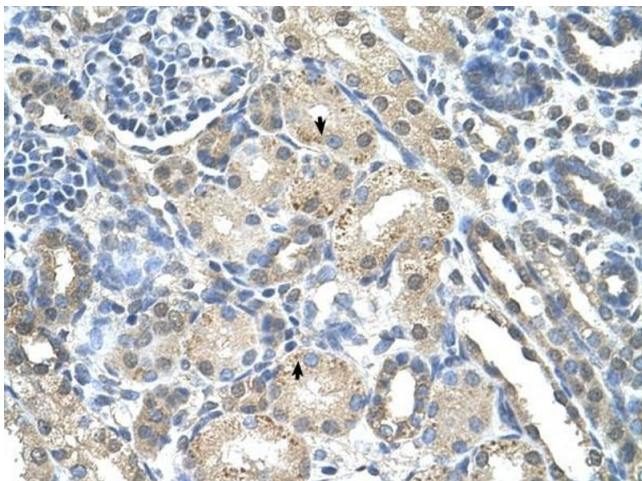
Immunohistochemistry

Image 1. PRPS2 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X
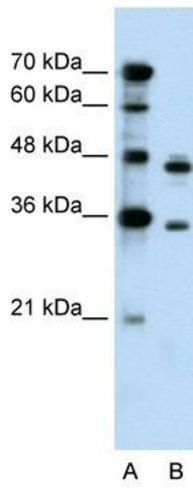
Images

Western Blotting

Image 2. PRPS2 antibody used at 0.25 ug/ml to detect target protein.