

Datasheet for ABIN629887 anti-PPP1R8 antibody

2 Images



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Overview

Quantity:	100 µg
Target:	PPP1R8
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	PPP1 R8 antibody was raised using a synthetic peptide corresponding to a region with amino acids PNLAPDVDLTPVPSAVNMNPNPAPNPAVYNPEAVNEPKKKKYAKEAWPGKK
Purification:	Purified

Target Details

Target:	PPP1R8
Alternative Name:	PPP1R8 (PPP1R8 Products)
Background:	This gene, through alternative splicing, encodes three different isoforms. Two of the protein isoforms encoded by this gene are specific inhibitors of type 1 serine/threonine protein phosphatases and can bind but not cleave RNA. The third protein isoform lacks the phosphatase inhibitory function but is a single-strand endoribonuclease comparable to RNase E of E. coli. This isoform requires magnesium for its function and cleaves specific sites in A+U-

Target Details

rich regions of RNA.

Molecular Weight: 14 kDa (MW of target protein)

Application Details

Application Notes: WB: 2.5 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: PPP1R8 Blocking Peptide, catalog no. 33R-7235, is also available for use as a blocking control in assays to test for specificity of this PPP1R8 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PPP0 8 antibody in PBS

Concentration: Lot specific

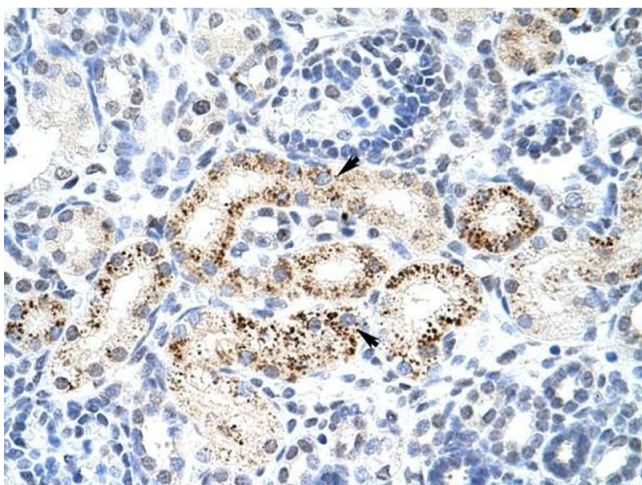
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

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. PPP1R8 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



Western Blotting

Image 2. PPP1R8 antibody used at 2.5 ug/ml to detect target protein.