10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

PPP1R1A / IPP1 Antibody (aa50-100)

Rabbit Polyclonal Antibody
Catalog # ALS11930

Specification

PPP1R1A / IPP1 Antibody (aa50-100) - Product Information

Application	**WB, IHC**
Primary Accession	Q13522
Reactivity	**Human, Mouse, Rat, Monkey, Horse, Xenopus, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**19kDa KDa**

PPP1R1A / IPP1 Antibody (aa50-100) - Additional Information

Gene ID 5502

Other Names
Protein phosphatase 1 regulatory subunit 1A, Protein phosphatase inhibitor 1, I-1, IPP-1, PPP1R1A, IPP1

Target/Specificity
A portion of amino acids 50-100 of human IPP-1

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
PPP1R1A / IPP1 Antibody (aa50-100) is for research use only and not for use in diagnostic or therapeutic procedures.

PPP1R1A / IPP1 Antibody (aa50-100) - Protein Information

Name PPP1R1A

Synonyms IPP1

Function
Inhibitor of protein-phosphatase 1. This protein may be important in hormonal control of glycogen metabolism. Hormones that elevate intracellular cAMP increase I-1 activity in many tissues. I-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. Following a rise in intracellular calcium, I-1 is inactivated by calcineurin (or PP2B). Does not inhibit type-2 phosphatases.

Volume
50 µl

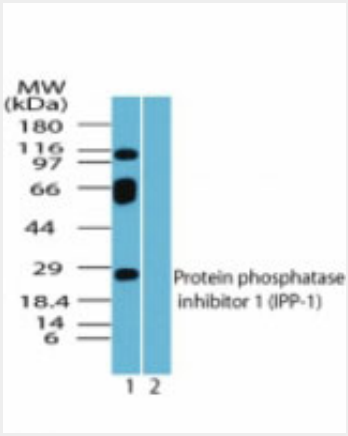
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PPP1R1A / IPP1 Antibody (aa50-100) - Protocols

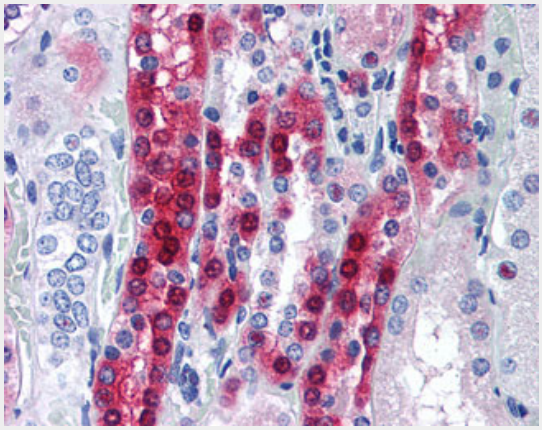
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PPP1R1A / IPP1 Antibody (aa50-100) - Images



Western blot of IPP-1 in human ovary lysate in the 1) absence and 2) presence of immunizing...



Anti-PPP1R1A antibody IHC of human kidney.

PPP1R1A / IPP1 Antibody (aa50-100) - Background

Inhibitor of protein-phosphatase 1. This protein may be important in hormonal control of glycogen metabolism. Hormones that elevate intracellular cAMP increase I-1 activity in many tissues. I-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. Following a rise in intracellular calcium, I-1 is inactivated by calcineurin (or PP2B). Does not inhibit type-2 phosphatases.

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PPP1R1A / IPP1 Antibody (aa50-100) - References

Endo S.,et al.Biochemistry 35:5220-5228(1996).
Mishra S.,et al.Submitted (NOV-2001) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Connor J.H.,et al.Mol. Cell. Biol. 21:6841-6850(2001).