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Datasheet for ABIN755572
anti-CPI-17 antibody (AA 5-100)

Overview

Quantity:	100 µL
Target:	CPI-17 (PPP1R14A)
Binding Specificity:	AA 5-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPI-17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CPI17 alpha
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CPI-17 (PPP1R14A)
Alternative Name:	CPI17 alpha (PPP1R14A Products)

Target Details

Background: Synonyms: 17 kDa PKC potentiated inhibitory protein of PP1, CPI 17 alpha, CPI 17, CPI 17alpha, CPI17, CPI-17, PKC potentiated inhibitory protein of PP1, PPP1INL, PPP1R14A, Protein phosphatase 1, Protein phosphatase 1 regulatory inhibitor subunit 14A, Protein phosphatase 1 regulatory subunit 14A, Regulatory subunit 14A, 17 kDa PKC-potentiated inhibitory protein of PP1, 17-KDa protein, 17 kDa PKC potentiated inhibitory protein of PP1, PKC potentiated inhibitory protein of PP1, PKC potentiated inhibitory protein of PP1, 17-KD, PP14A_HUMAN, Protein kinase C-potentiated inhibitor of protein phosphatase 1, 17-KD, Protein kinase C-potentiated inhibitor protein of 17 kDa, Protein phosphatase 1, Protein phosphatase 1 regulatory inhibitor subunit 14A, Regulatory subunit 14A.

Background: The protein encoded by this gene belongs to the protein phosphatase 1 (PP1) inhibitor family. This protein is an inhibitor of smooth muscle myosin phosphatase, and has higher inhibitory activity when phosphorylated. Inhibition of myosin phosphatase leads to increased myosin phosphorylation and enhanced smooth muscle contraction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Sep 2011]

Gene ID: 94274

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months