

Rabbit CPI17 Polyclonal Antibody | anti-PPP1R14A antibody

Anti-CPI17 (pT38) Phospho Antibody

CATALOG # AAA260863	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Pig	APPLICATIONS Immunohistochemistry, Western Blot
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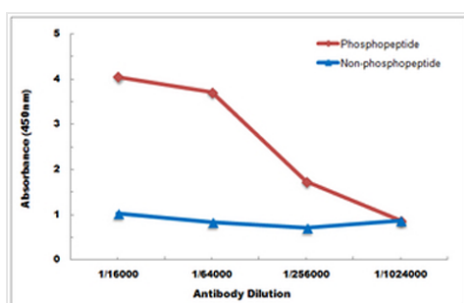
PRODUCT SYNONYMS

CPI17; Polyclonal Antibody; Anti-CPI17 (pT38) Phospho Antibody; PPP1INL; Protein phosphatase 1 regulatory subunit 14A; 17 kDa PKC-potentiased inhibitory protein of PP1; Protein kinase C-potentiased inhibitor protein of 17 kDa; CPI-17; anti-PPP1R14A antibody

PRODUCT SPECIFICATIONS

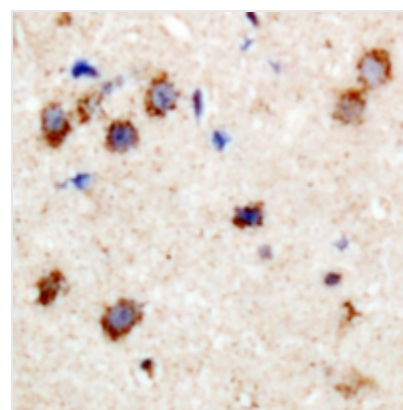
Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CPI17 protein only when phosphorylated at T38
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	147
Applicable Applications for anti-PPP1R14A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T38 of human CPI17 protein. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



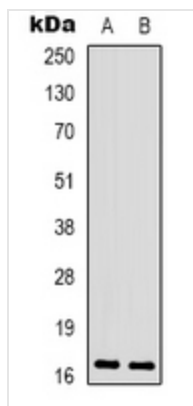
Application Data

Direct ELISA antibody dose-response curve using Anti-CPI17 (Phospho-T38) Antibody. Antigen (Phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



IHC (Immunohistochemistry)

Immunohistochemical analysis of CPI17 (pT38) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CPI17 (pT38) expression in SHSY5Y (A), Raw264.7 (B) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 17 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R14A antibody

Rabbit polyclonal antibody to CPI17 (pT38)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55583974
NCBI GeneID	94274
UniProt Accession #	Q96A00; Q7Z4X7; Q96S54
NCBI Official Full Name	Protein phosphatase 1 regulatory subunit 14A
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory inhibitor subunit 14A
NCBI Official Symbol	PPP1R14A
NCBI Official Synonym Symbols	CPI17; CPI-17; PPP1INL
NCBI Protein Information	protein phosphatase 1 regulatory subunit 14A
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 14A
UniProt Gene Name	PPP1R14A
UniProt Synonym Gene Names	CPI17; PPP1INL; CPI-17
UniProt Entry Name	PP14A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpi17-antibody-immunohistochemistry-western-blot-elisa/260863>