

Rabbit anti-Human NIPP1/Ppp1r8 Polyclonal Antibody | anti-Ppp1r8 antibody

Anti-NIPP1/Ppp1r8 Antibody, Rabbit Polyclonal

CATALOG # AAA259398	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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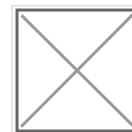
PRODUCT SYNONYMS

NIPP1/Ppp1r8; Polyclonal Antibody; Anti-NIPP1/Ppp1r8 Antibody; Rabbit Polyclonal; Ppp1r8 Antibody; Rabbit PAb; Antigen Affinity Purified; protein phosphatase 1 regulatory subunit 8; Anti-ARD-1 Antibody; Anti-ARD1 Antibody; Anti-NIPP-1 Antibody; Anti-NIPP1 Antibody; Anti-PPP1R8 Antibody; Anti-PRO2047 Antibody; anti-Ppp1r8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Mouse (Species predicted to react based on 100% sequence homology)
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Ppp1r8 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human Ppp1r8
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human Ppp1r8, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES


IF (Immunofluorescence)

WB (Western Blot)

Anti-PPP1R8 rabbit polyclonal antibody at 1:500 dilution Lane A: HepG2 Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: Hela Whole Cell Lysate Lane D: 293T Whole Cell Lysate Lysates/proteins at 30ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:38 kDa Observed band size:42 kDa (We are unsure as to the identity of these extra bands.

ADDITIONAL INFORMATION

Related Product Information for anti-Ppp1r8 antibody	The ubiquitously expressed nuclear protein NIPP1 (also known as PPP1R8) recruits phosphoproteins for regulated dephosphorylation by the associated protein phosphatase PP1. The deletion of NIPP1 in mice is early embryonic lethal, which has precluded functional studies in adult tissues. Nuclear Inhibitor of PP1 (NIPP1; 351 residues in mouse), encoded by Ppp1r8, is one of the major nuclear interactors of PP1 and is expressed in nearly all eukaryotic cells. The N-terminal third of NIPP1 largely consists of a well-structured ForkHead-Associated (FHA) domain, while the remainder of the protein is intrinsically disordered but becomes partially structured upon binding to PP1. The FHA domain of NIPP1 mediates the recruitment of a subset of phosphoproteins, including the pre-mRNA splicing factors SAP155 and CDC5L, protein kinase MELK and the methyltransferase EZH2, for regulated dephosphorylation by associated PP1.
References	Ferreir. M. e. al. (2017). Th. protei. phosphatas. . regulato. nipp. i. essentia. fo. mammalia. spermatogenesis. Sc. Re. . (1). 13364.

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/nipp1-ppp1r8-antibody-immunoprecipitation-western-blot-elisa/259398>