

Goat anti-NIPP1 / PPP1R8 Antibody

Item Number	dAP-0242
Target Molecule	Principle Name: NIPP1 / PPP1R8; Official Symbol: PPP1R8; All Names and Symbols: PPP1R8; NIPP1; protein phosphatase 1, regulatory (inhibitor) subunit 8; ARD1; NIPP-1; PRO2047; ard-1; activator of RNA decay; nuclear subunit of PP-1; homolog of E.coli RNase E; nuclear inhibitor of protein phosphatase-1; protein phosphatase-1, regulatory; Accession Number (s): NP_002704.1; NP_054829.2; NP_612568.1; Human Gene ID(s): 5511; Non-Human GeneID(s): 100336 (mouse)
Immunogen	EAWPGKKPTPSLLI, is from C Terminus This antibody is expected to recognise all three human isoforms of this protein.
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 40kDa band observed in nuclear lysates of cell lines HeLa, HepG2, Jurkat and NIH3T3 (calculated MW of 38.5kDa according to Human NP_054829.2 and to Mouse NP_666266.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Thymus shows speckled staining of nuclei. Recommended concentration: 2.5-3.8µg/ml.
Reference	Reference(s): Beullens M, Bollen M. The protein phosphatase-1 regulator NIPP1 is also a splicing factor involved in a late step of spliceosome assembly. <i>J Biol Chem.</i> 2002 May 31;277(22):19855-60. Epub 2002 Mar 21..PMID: 11909864->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**