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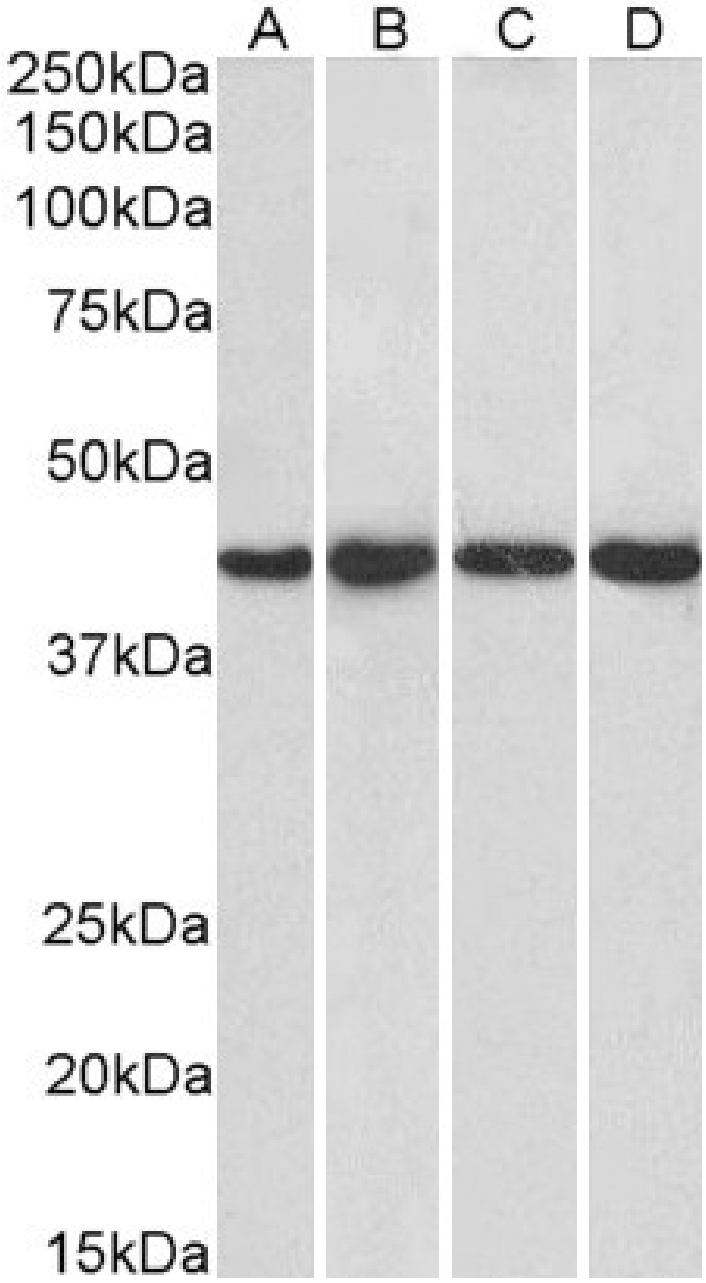
GOAT ANTI-NIPP1 / PPP1R8 ANTIBODY

SKU: EB06037



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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	protein phosphatase 1 regulatory subunit 8|protein phosphatase 1 regulatory inhibitor subunit 8|RNase E|ARD-1|protein phosphatase-1, regulatory subunit-8|nuclear inhibitor of protein phosphatase-1|homolog of E.coli RNase E|nuclear subunit of PP-1|activator of RNA decay|ard-1|PRO2047|NIPP-1|ARD1|protein phosphatase 1, regulatory (inhibitor) subunit 8|NIPP1|PPP1R8
Usage Summary	Additional validation: This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Accession ID	NP_002704.1; NP_054829.2; NP_612568.1
Blocking Peptide	EBP06037
Immunogen	Peptide with sequence C-EAWPGKKPTPSLLI, from the C Terminus of the protein sequence according to NP_002704.1; NP_054829.2; NP_612568.1.
Product Comments	This antibody is expected to recognise all three human isoforms of this protein.
Peptide Sequence	C-EAWPGKKPTPSLLI
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Dog, Cow
Reactive Species	Human, Mouse
Human Gene ID	5511
Mouse Gene ID	100336
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Thymus shows speckled staining of nuclei. Recommended concentration: 2.5-3.8µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
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. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat Lung for this particular batch.
Application Type	Pep-ELISA, WB, IHC

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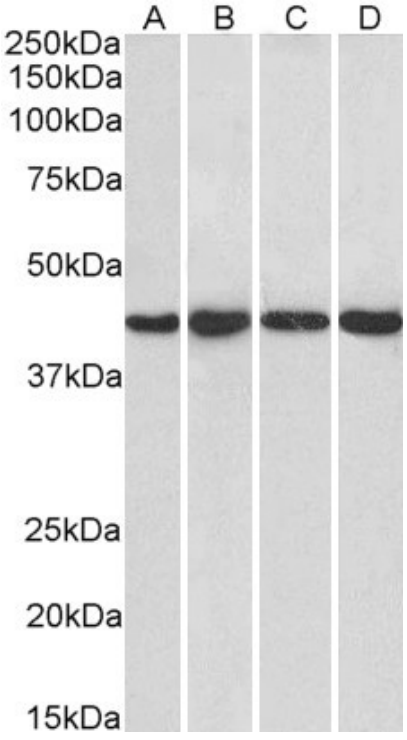
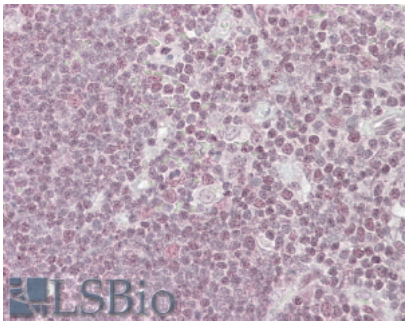
SELECTED REFERENCES

[{"pmid": 30377371, "intro": "**This antibody has been successfully used in the following paper:**", "title": "A high-throughput pipeline for validation of antibodies", "author": "Krzysztof Sikorski, Adi Mehta, Marit Inngjerdingen, Flourina Thakor, Simon Kling, Tomas Kalina, Tuula A. Nyman, Maria Ekman Stensland, Wei Zhou, Gustavo A. De Souza, Lars Holden, Jan Stuchly, Markus Templin and Fridtjof Lund-Johansen", "journal": "Nat Methods. 2018 Nov;15(11):909-912"}]

DOCUMENTS

- Data Sheet

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