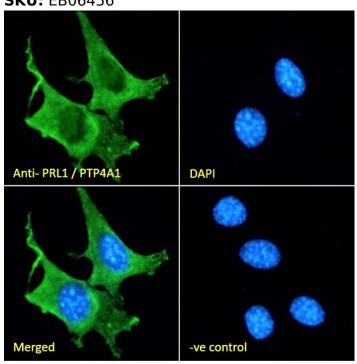




GOAT ANTI-PRL1 / PTP4A1 ANTIBODY

SKU: EB06456



SPECIFICATIONS

 $\textbf{Formulation} \ \text{Supplied at 0.5 mg/ml in Tris saline, 0.02\% sodium azide, pH7.3 with 0.5\% bovine serum albumin.}$

Unit Size $100 \ \mu g$

Storage Instructions

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / protein tyrosine phosphatase type IVA protein 1|DKFZp779M0721|RP5-1148A21.2|Protein tyrosine

Alias phosphatase IVA1|protein tyrosine phosphatase type IVA, member

Names 1|PTP(CAAX1)|PTPCAAX1|PRL-1|PRL1|HH72|PTP4A1

successfully used in the following paper: Achiwa H et al. (2007) PMID: 17234774.

Accession

NP_003454.1

Blocking Peptide

EBP06456





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Peptide with sequence CFKDSNGHRNN, from the C Terminus of the protein sequence according to **Immunogen**

NP 003454.1.

Peptide Sequence

CFKDSNGHRNN

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping Instructions

Refrigerated

Predicted

Species

Human, Mouse, Rat, Dog

Reactive

Human, Mouse **Species**

Human

7803 Gene ID

Product

Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png

ELISA

Detection Antibody detection limit dilution 1:64000.

Limit

Type

Western This antibody has been successfully used in Western Blot as descibed in the following papers, PMID: 18997816

and PMID: 36793871. Blot

Application

Pep-ELISA, WB, IF

SELECTED REFERENCES

[{"pmid": 17234774, "intro": "This antibody has been successfully used in the following paper:", "title": "PRL-1 tyrosine phosphatase regulates c-Src levels, adherence, and invasion in human lung cancer cells.", "author": "Achiwa H, Lazo JS.", "journal": "Cancer Res. 2007 Jan 15;67(2):643-50."}, {"pmid": 36793871, "intro": "This antibody has been successfully used in WB on Mouse:", "title": "Hepatic PTP4A1 ameliorates high-fat diet-induced hepatosteatosis and hyperglycemia by the activation of the CREBH/FGF21 axis.", "author": "Byungtae Hwang, Min-Gi Kwon, Min Ji Cho, Nam-Kyung Lee, Jangwook Lee, Jeong Woong Lee, Kyoung-Jin Oh, Kwang-Hee Bae, Jung Hwan Hwang, Jeong-Ki Min, Jong-Gil Park", "journal": "Theranostics. 2023 Jan 22;13(3):1076-1090."}, {"pmid": 18997816, "intro": "This antibody has been successfully used in WB on Human:", "title": "New p53 target, phosphatase of regenerating liver 1 (PRL-1) downregulates p53.", "author": "Min SH, Kim DM, Heo YS, Kim YI, Kim HM, Kim J, Han YM, Kim IC, Yoo OJ.", "journal": "Oncogene. 2009 Jan 29;28(4):545-54."}]

GALLERY IMAGES





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