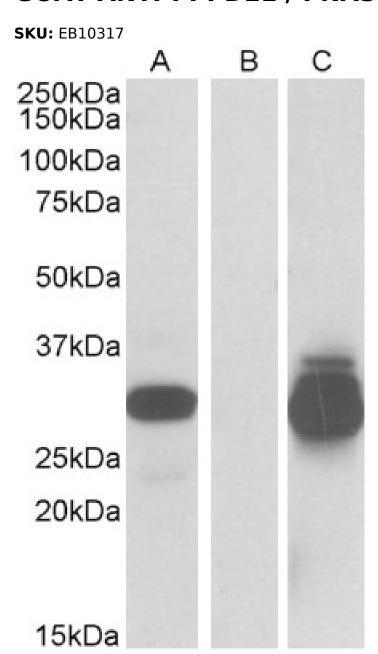


Telephone: (650) 697-3600



GOAT ANTI-PPPDE1 / PNAS4 ANTIBODY







Email: customerservice@vectorlabs.com

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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 /

Names

Alias

PNAS4|PPPDE1|PPPDE peptidase domain containing 1|PNAS-4|FLJ21998|family with sequence similarity 152,

member A|FAM152A|CGI-146|C1orf121

Usage

Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email

Summary sales@everestbiotech.com to request datasheet, pricing and delivery information.

Accession

NP_057160.2

Blocking

ID

EBP10317

Peptide

Peptide with sequence C-ELGKEYKGNAYH, from the internal region of the protein sequence according to

Immunogen NP 057160.2.

Peptide

C-ELGKEYKGNAYH Sequence

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

Method using the immunizing peptide.

Shipping

Instructions

Refrigerated

Human

Predicted Species

Human, Mouse, Rat, Dog, Cow, Pig

Reactive

Species

Human

51029 Gene ID

Mouse

78825 Gene ID

Rat Gene ID 289277

Product

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

IHC Results Paraffin embedded Human Skin. Recommended concentration: 10µg/ml.

ELISA

Detection Antibody detection limit dilution 1:32000.

Limit

Blot

Western

In transfected HEK293 transiently expressing full-length Human PPPDE1(myc and DYKDDDDK tagged), a band of approx. 30kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was

observed using anti-myc tag antibody. Recommended concentration: 0.5-1µg/ml.

Application

Pep-ELISA, WB-Trf, IHC Type

SELECTED REFERENCES

[{"pmid": 25918161, "intro": "This antibody has been successfully used in IHC and





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Western blot on Human:", "title": "PNAS-4, an Early DNA Damage Response Gene, Induces S Phase Arrest and Apoptosis by Activating Checkpoint Kinases in Lung Cancer Cells.", "author": "Yuan Z, Guo W, Yang J, Li L, Wang M, Lei Y, Wan Y, Zhao X, Luo N, Cheng P, Liu X, Nie C, Peng Y, Tong A, Wei Y", "journal": "J Biol Chem. 2015 Jun 12;290(24):14927"}, {"pmid": 30055135, "intro": "This antibody has been successfully used in Western blot on Human:", "title": "Combination of DESI2 and endostatin gene therapy significantly improves antitumor efficacy by accumulating DNA lesions, inducing apoptosis and inhibiting angiogenesis.", "author": "Yan H, Guo W, Li K, Tang M, Zhao X, Lei Y, Nie CL, Yuan Z", "journal": "Exp Cell Res. 2018 Oct 1;371(1):50-62"}, {"pmid": 23322088, "intro": "This antibody has been successfully used on Human:", "title": "hPNAS-4 inhibits proliferation through S phase arrest and apoptosis: underlying action mechanism in ovarian cancer cells.", "author": "Li L, Chen DB, Lin C, Cao K, Wan Y, Zhao XY, Nie CL, Yuan Z, Wei YQ.", "journal": "Apoptosis. 2013 Apr;18(4):467-79."}, {"pmid": 28915590, "intro": "This antibody has been successfully used in Western blot on Mouse:", "title": "Combination of DESI2 and IP10 gene therapy significantly improves therapeutic efficacy against murine carcinoma", "author": "Chao Lin, Hua Ying Yan, Jun Yang, Lei Li, Mei Tang, Xinyu Zhao, Chunlai Nie, Na Luo, Yuguan Wei and Zhu Yuan", "journal": "Oncotarget. 2017 May 5;8(34):56281-56295. "}, {"pmid": 22836062, "intro": "**This antibody** has been successfully used in Western blot on Human:", "title": "Expression of hPNAS-4 radiosensitizes Lewis lung cancer.", "author": "Zeng H, Yuan Z, Zhu H, Li L, Shi H, Wang Z, Fan Y, Deng Q, Zeng J, He Y, Xiao J, Li Z.", "journal": "Int J Radiat Oncol Biol Phys. 2012 Nov 15;84(4):e533-40."}]

GALLERY IMAGES

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