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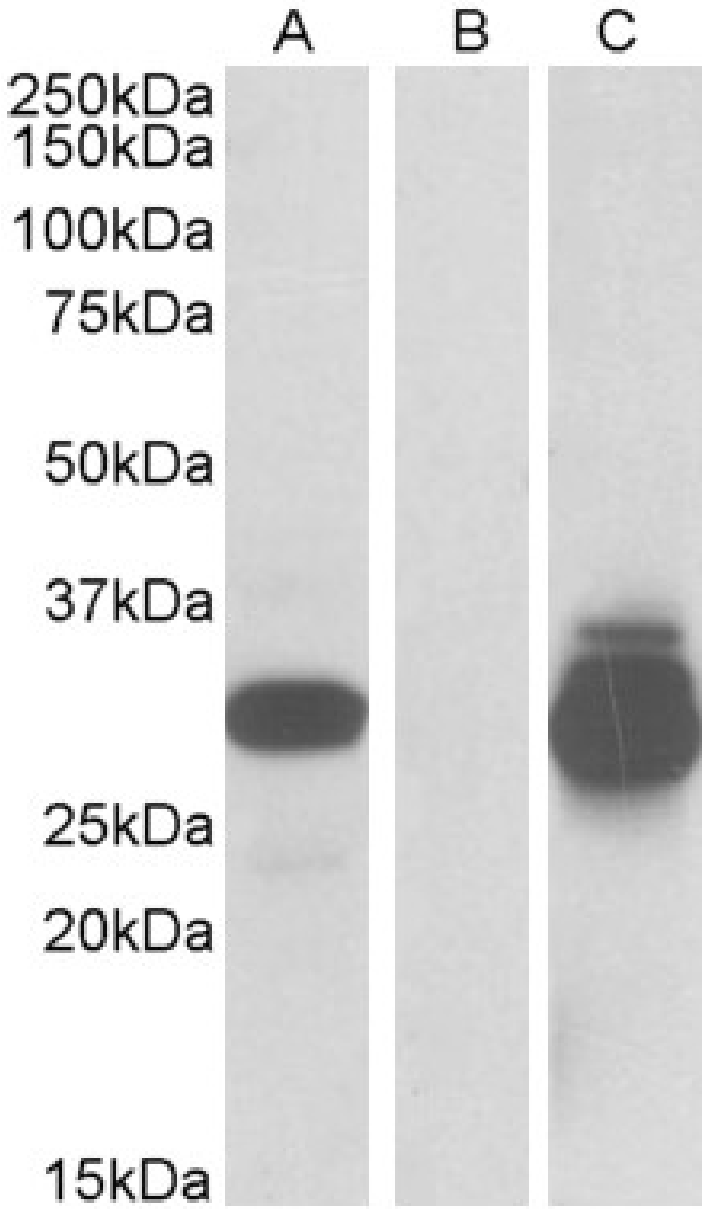
GOAT ANTI-PPPDE1 / PNAS4 ANTIBODY

SKU: EB10317



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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	PNAS4|PPPDE1|PPPDE peptidase domain containing 1|PNAS-4|FLJ21998|family with sequence similarity 152, member A|FAM152A|CGI-146|C1orf121
Usage Summary	Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email sales@everestbiotech.com to request datasheet, pricing and delivery information.
Accession ID	NP_057160.2
Blocking Peptide	EBP10317
Immunogen	Peptide with sequence C-ELGKEYKGNAYH, from the internal region of the protein sequence according to NP_057160.2.
Peptide Sequence	C-ELGKEYKGNAYH
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, Rat, Dog, Cow, Pig
Reactive Species	Human
Human Gene ID	51029
Mouse Gene ID	78825
Rat Gene ID	289277
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Skin. Recommended concentration: 10µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	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 Type	Pep-ELISA, WB-Trf, IHC

SELECTED REFERENCES

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

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, Yuquan 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."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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