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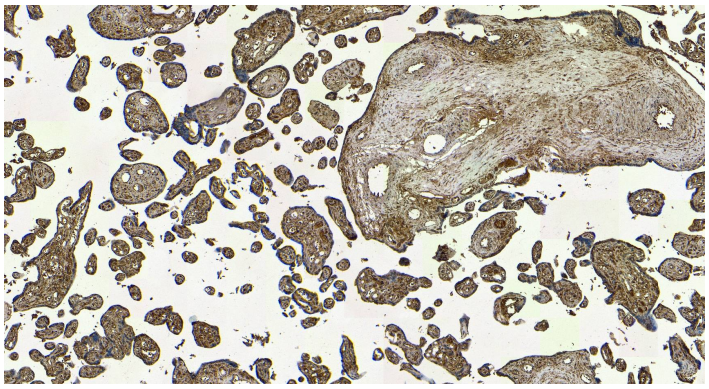
GOAT ANTI-ENPP1 / PC1 ANTIBODY

SKU: EB06948



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	plasma-cell membrane glycoprotein 1|phosphodiesterase I/nucleotide pyrophosphatase 1|membrane component, chromosome 6, surface marker 1|alkaline phosphodiesterase 1|OTTHUMP00000043194|Ly-41 antigen|PDNP1|PCA1|NPPS|NPP1|M6S1|HGNC:3356|ectonucleotide pyrophosphatase/phosphodiesterase 1|PC-1|ENPP1
Accession ID	NP_006199.2
Blocking Peptide	EBP06948
Immunogen	Peptide with sequence C-KTHLPTFSQED, from the C Terminus of the protein sequence according to NP_006199.2.
Peptide Sequence	C-KTHLPTFSQED
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
Reactive Species	Human

Human Gene ID	5167
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 Placenta. Recommended concentration: 4-5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:64000.
Application Type	Pep-ELISA, IHC

SELECTED REFERENCES

[{"pmid": 20048161, "intro": "**This antibody (previous batch) has been successfully used in WB:**", "title": "Proteoliposomes harboring alkaline phosphatase and nucleotide pyrophosphatase as matrix vesicle biomimetics.", "author": "Simão AM, Yadav MC, Narisawa S, Bolean M, Pizauro JM, Hoylaerts MF, Ciancaglini P, Millán JL.", "journal": "J Biol Chem. 2010 Mar 5;285(10):7598-609."}, {"pmid": 23861746, "intro": "**This antibody (previous batch) has been successfully used in Western Blot and IHC:**", "title": "Enpp1: a potential facilitator of breast cancer bone metastasis.", "author": "Lau WM, Doucet M, Stadel R, Huang D, Weber KL, Kominsky SL", "journal": "PLoS One. 2013 Jul 5;8(7):e66752."}, {"pmid": 34391947, "intro": "**This antibody (previous batch) has been successfully used in ICC on Mouse:**", "title": "Comparative immunolocalization of tissue nonspecific alkaline phosphatase and ectonucleotide pyrophosphatase/phosphodiesterase 1 in murine bone", "author": "Tomomaya Yamamoto et al.", "journal": "Journal of Oral Biosciences (2021), https://doi.org/10.1016/j.job.2021.08.001"}, {"pmid": 37374382, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Immunolocalization of Enzymes/Membrane Transporters Related to Bone Mineralization in the Metaphyses of the Long Bones of Parathyroid-Hormone-Administered Mice", "author": "Takahito Mae, Tomoka Hasegawa, Hiromi Hongo, Tomomaya Yamamoto, Shen Zhao, Minqi, Yutaka Yamazaki, Norio Amizuka", "journal": "Medicina (Kaunas). 2023 Jun 20;59(6):1179."}]

GALLERY IMAGES

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