

Product Datasheet

Lysine Hydroxylase 2/PLOD2 Antibody - Azide and BSA Free H00005352-B01P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005352-B01P

Lysine Hydroxylase 2/PLOD2 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	IgG purified
Buffer	PBS (pH 7.4)

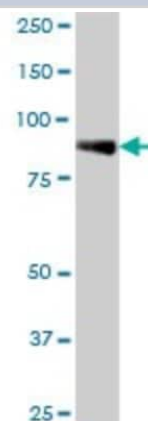
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	5352
Gene Symbol	PLOD2
Species	Human
Reactivity Notes	Rat reactivity reported in customer review.
Specificity/Sensitivity	PLOD2 - procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2,
Immunogen	PLOD2 (NP_891988.1, 1 a.a. - 758 a.a.) full-length human protein. MGGCTVKPQLLLLLALVLHPWNPCLGADSEKPSIPTDKLLVITVATKESDGFHR FMQSAKYFNVTYKVLGQGEEWRGGDGINSIGGGQKVRLMKEVMEHYADQDD LVVMFTECFDVIFAGGPPEVLKKFQKANHKVVFAADGILWPDKRLADKYPVVHI GKRYLNSGGFIGYAPYVNRIVQQWNLQDNDQDLFYTKVYIDPLKREAINITLD HKCKIFQTLNGAVDEVVLKFENGKARAKNTFYETLPVAINGNGPTKILLNYFGNY VPNSWTQDNGCTLCEFDTVDL SAVDVHPNVSIGVFIEQPTPFLPRFLDILLTLDY PKEALKLFIHNKEVYHEKDIKVFDDKAKHEIKTIKIVGPEENLSQAEARNMGMD CRQDEKCDYYFSVDADVLTNPRTLKILIEQNRKIIAPLVTRHGKLWSNFWGAL SPDGYARSEDYVDIVQGNRVGVWNPYMANVYLIKGTLRSEMNERNYFVR DKLDPDMALCRNAREMTLQREKDSPTPETFQMLSPPKGVFMYISNRHEFGRL STANYNTSHYNNDLWQIFENPVDWKEKYINRDYSKIFTENIVEQPCPDVFWFPI FSEKACDELVEEMEYHGKWSGGKHHDSRISGGYENVPTDDIHMKQVDLENVW LHFIREFIAPVTLKVFAGYYTKGFALLNFVVKYSPERQSLRPHHDASTFTINIAL NNVGEDFQGGGCKFLRYNCSIESPRKGWSFMHPGRLTHLHEGLPVKNGTRYI AVSFIDP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. It has been used for IF.



Images

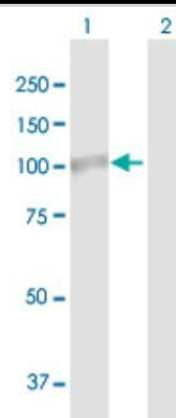
Western Blot: Lysine Hydroxylase 2/PLOD2 Antibody [H00005352-B01P]
- Analysis of PLOD2 expression in human kidney.



Immunocytochemistry/Immunofluorescence: Lysine Hydroxylase 2/PLOD2 Antibody [H00005352-B01P] - Analysis of purified antibody to PLOD2 on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: Lysine Hydroxylase 2/PLOD2 Antibody [H00005352-B01P]
- Analysis of PLOD2 expression in transfected 293T cell line by PLOD2 polyclonal antibody. Lane 1: PLOD2 transfected lysate(83.38 KDa). Lane 2: Non-transfected lysate.



Publications

Labrecque MP, Takhar MK, Nason R et al. The retinoblastoma protein regulates hypoxia-inducible genetic programs, tumor cell invasiveness and neuroendocrine differentiation in prostate cancer cells. *Oncotarget* 2016-04-26 [PMID: 27015368] (WB)

Labrecque Mark P, Takhar Mandeep K, Jagdeo Julianne M et al. A TRIP230-retinoblastoma protein complex regulates hypoxia-inducible factor-1alpha-mediated transcription and cancer cell invasion. *PLoS One*. 2014-06-11 [PMID: 24919196] (Human)

Gilkes DM, Bajpai S, Wong CC et al. Procollagen lysyl hydroxylase 2 is essential for hypoxia-induced breast cancer metastasis. *Mol Cancer Res* 2013-05-01 [PMID: 23378577]



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Products Related to H00005352-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H00005352-P01-10ug	Recombinant Human Lysine Hydroxylase 2/PLOD2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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