

Product Datasheet

Cytochrome P450 1A1 Antibody - Azide and BSA Free H00001543-D01P

Unit Size: 0.1 mg

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

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H00001543-D01P

Cytochrome P450 1A1 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 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	Protein A purified
Buffer	PBS (pH 7.4)

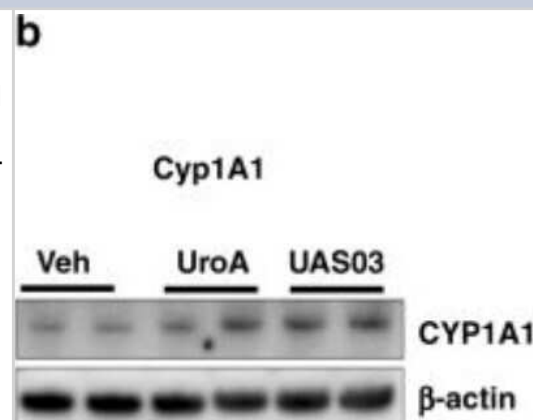
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	1543
Gene Symbol	CYP1A1
Species	Human
Specificity/Sensitivity	Reacts with cytochrome P450, family 1, subfamily A, polypeptide 1.
Immunogen	CYP1A1 (NP_000490.1, 1 a.a. - 512 a.a.) full-length human protein. MLFPISMSATEFLLASVIFCLVFWVIRASRPQVPKGLKNPPGPWGWPLIGHMLT LGKNPHLALSRMSQQYGVDVLQIRIGSTPVVLSGLDTRQALVRQGDDFKGRP DLYTFTLISNGQSMSFSPDSGPVWAARRRLAQNGLKSFSIASDPASSTSCYLE EHVSKEAEVLISLTLQELMAGPGHFNPYRYVVSVTNVICAICFGRRYDHNHREL LSLVNLNNNFGEVVGSGNPADFIPILRYLPNPSLNAFKDLNEKFYSFMQMKMVE HYKTFEKGHIRDITDSLIEHCQEKQLDENANVQLSDEKIINIVLDLFGAGFDTVTT AISWSLMYLMNPRVQRKIQEELDTVIGRSRRPRLSDRSHLPYMEAFILETFRH SSFVPFTIPHSTTRDTSLKGFYIPKGRCVFVNQWQINHDQKLWVNPSEFLPERF LTPDGAIDKVLSEKVIIFGMGKRKCIGETIARWEVFLFLAILLQRVEFSVPLGVKV DMTPYIYGLTMKHACCEHFQMQLRS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	This antibody is reactive against transfected lysate in WB and as a detection antibody in ELISA.

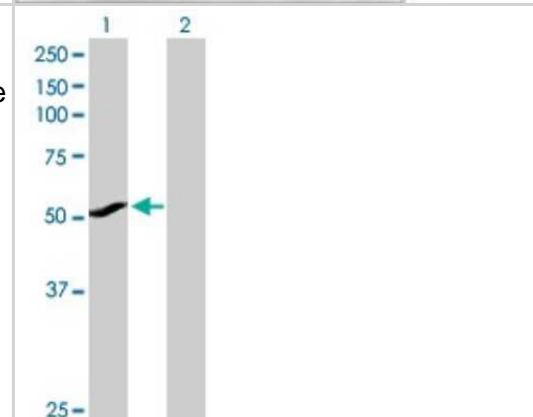


Images

Western Blot: Cytochrome P450 1A1 Antibody [H00001543-D01P] - UroA/UAS03 enhance tight junction proteins in AhR-dependent manner. Cyp1A1 protein levels were measured using immunoblots and quantified band intensities by Image J software. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41467-018-07859-7>) licensed under a CC-BY license.



Western Blot: Cytochrome P450 1A1 Antibody [H00001543-D01P] - Analysis of CYP1A1 expression in transfected 293T cell line by CYP1A1 polyclonal antibody. Lane 1: CYP1A1 transfected lysate (58.20 KDa). Lane 2: Non-transfected lysate.



Publications

R Singh, S Chandrashe, SR Bodduluri, BV Baby, B Hegde, NG Kotla, AA Hiwale, T Saiyed, P Patel, M Vijay-Kuma, MGI Langille, GM Douglas, X Cheng, EC Rouchka, SJ Waigel, GW Dryden, H Alatassi, HG Zhang, B Haribabu, PK Vemula, VR Jala Enhancement of the gut barrier integrity by a microbial metabolite through the Nrf2 pathway Nat Commun, 2019-01-09;10(1):89. 2019-01-09 [PMID: 30626868]

Pauletto M, Lopparelli R, Pegolo S et al. Significance of the goby *Zosterisessor ophiocephalus* as a sentinel species for Venice Lagoon contamination: Combining biomarker responses and bioaccumulation. Sci Total Environ. 2019-01-07 [PMID: 30743980]



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Products Related to H00001543-D01P

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-18022	Human Cytochrome P450 1A1 ELISA Kit (Colorimetric)

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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