

Product Datasheet

Cytochrome P450 3A4 Antibody

H00001576-D01P

Unit Size: 0.1 mg

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

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H00001576-D01P**Cytochrome P450 3A4 Antibody**

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)

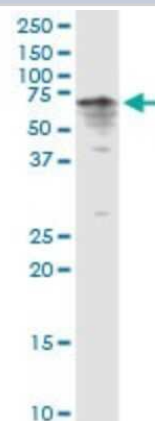
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	1576
Gene Symbol	CYP3A4
Species	Human
Specificity/Sensitivity	CYP3A4 - cytochrome P450, family 3, subfamily A, polypeptide 4,
Immunogen	CYP3A4 (AAI01632.1, 1 a.a. - 503 a.a.) full-length human protein. MALIPDLAMETWLLAVSLVLLYLYGTHSHGLFKKLGIPGPTPLPFLGNILSYHK GFCMFDMECHKKYGKVWGFYDGGQPVLAITDPDMIKTVLVKECYSVFTNRRP FGPVGFMKSAISIAEDEEWKRLRSLLSPTFTSGKLKEMVPIIAQYGDVLVRNLRR EAETGKPVTCLKDVFGAYSMDVITSTSFGVNIDSLNNPQDPFVENTKKLLRFDL DPFFLSITVFPFLIPILEVNLICVFPREVTNFLRKSVMKESRLEDQKHRVDFL QLMIDSQNSKETESHKALSDLELVAQSIIFIFAGYETTSSVLSFIMYELATHPDVQ QKLQEEIDAVLPNKAPPTYDTVLQMEYLDMMVNETLRLFPAMRLERVCKKDVE INGMFIPKGVVVMIPSYALHRDPKYWTEPEKFLPERFSKKNKDIDPYIYTPFGS GPRNCIGMRFALMNMKLALIRVLQNFSFKPKETQIPLKLSLGGLLQPEKPVVL KVESRDGTVSGA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
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.

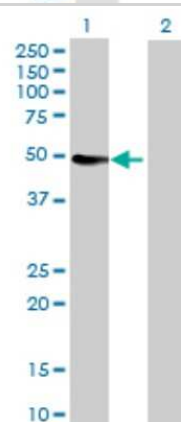


Images

Western Blot: Cytochrome P450 3A4 Antibody [H00001576-D01P] - Analysis of CYP3A4 expression in HepG2.



Western Blot: Cytochrome P450 3A4 Antibody [H00001576-D01P] - Analysis of CYP3A4 expression in transfected 293T cell line by CYP3A4 polyclonal antibody. Lane 1: CYP3A4 transfected lysate (57.30 kDa). Lane 2: Non-transfected lysate.



Publications

De Bock L, Colin P, Boussery K, Van Bocxlaer J. Development and validation of an enzyme-linked immunosorbent assay for the quantification of cytochrome 3A4 in human liver microsomes. *Talanta* 64. 2012-01-01 [PMID: 22967564]



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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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