

Datasheet for ABIN947764
anti-CYP1A1 antibody (AA 1-512)



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2 Images

Overview

Quantity:	100 µL
Target:	CYP1A1
Binding Specificity:	AA 1-512
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human CYP1A1 protein.
Immunogen:	CYP1A1 (NP_000490.1, 1 a.a. ~ 512 a.a) full-length human protein.
Sequence:	MLFPISMSAT ELLASVIFC LVFWVIRASR PQVPKGLKNP PGPWGWPLIG HMLTLGKNPH LALS RMSQY GDVLQIRIGS TPVVLSGLD TIRQALVRQG DDFKGRPDLY TFTLISNGQS MSFSPDSGPV WAARRRLAQN GLKSFSIASD PASSTSCYLE EHVSKEAEVL ISTLQELMAG PGHFNPYRYV VVSVTNVICA ICFGRRYDHN HQELLSLVNL NNNFGEVVGS GNPADFIPIL RYLPNPSLNA FKDLNEKFYS FMQKMVKEHY KTFEKGHIRD ITDSLIEHCQ EKQLDENANV QLSDEKIINI VLDLFGAGFD TVTTAISWSL MYLVMNPRVQ RKIQEELDTV IGRSRRPRLS DRSHLPYMEA FILETFRHSS FVPFTIPHST TRDTSKLGFY IPKGRCVFVN QWQINHDQKL WWNPSEFLPE RFLTPDGAID KVLSEKVIIF GMGKRKCIGE TIARWEVFLF LAILLQRVEF SVPLGVKVDM TPIYGLTMKH ACCEHFQMQL RS

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

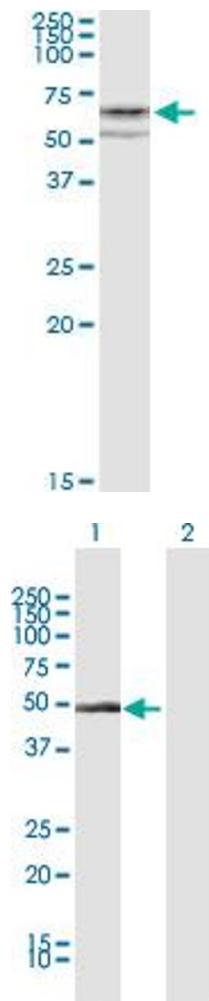
Target:	CYP1A1
Alternative Name:	CYP1A1 (CYP1A1 Products)
Background:	Full Gene Name: cytochrome P450, family 1, subfamily A, polypeptide 1 Synonyms: AHH,AHRR,CP11,CYP1,P1-450,P450-C,P450DX
Gene ID:	1543
NCBI Accession:	NM_000499
Pathways:	Steroid Hormone Biosynthesis, Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	No additive
Preservative:	Without preservative
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



Immunoprecipitation

Image 1. Immunoprecipitation of CYP1A1 transfected lysate using anti-CYP1A1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead , and immunoblotted with CYP1A1 purified MaxPab mouse polyclonal antibody (B01P)

Western Blotting

Image 2. Western Blot analysis of CYP1A1 expression in transfected 293T cell line by CYP1A1 MaxPab polyclonal antibody.

Lane 1: CYP1A1 transfected lysate(58.20 KDa).
Lane 2: Non-transfected lysate.