

Datasheet for ABIN635831

anti-CYP3A4 antibody (C-Term)





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Quantity:	100 μL
Target:	CYP3A4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP3A4 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	CYP3 A43 antibody was raised using the C terminal of CYP3 43 corresponding to a region with
	amino acids IYALHHDPKYWTEPEKFCPESRFSKKNKDSIDLYRYIPFGAGPRNCIGMR
Specificity:	CYP3 A43 antibody was raised against the C terminal of CYP3 43
Purification:	Affinity purified
Target Details	
Target:	CYP3A4
Alternative Name:	CYP3A43
Background:	CYP3A43 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450
	proteins are monooxygenases which catalyze many reactions involved in drug metabolism and
	synthesis of cholesterol, steroids and other lipids. This enzyme has a low level of testosterone

Target Details

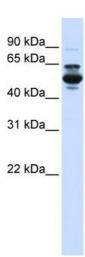
	hydroxylase activity. Although it bears homology to some drug-metabolizing cytochrome P450s, it is unknown whether the enzyme is also involved in xenobiotic metabolism.
Molecular Weight:	58 kDa (MW of target protein)
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	WB: 1 µg/mL
	Optimal conditions should be determined by the investigator.
Comment:	CYP3A43 Blocking Peptide, (ABIN939603), is also available for use as a blocking control in assays to test for specificity of this CYP3A43 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CYP0 43 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. CYP3A43 antibody used at 1 ug/ml to detect target protein.