

Datasheet for ABIN635831
anti-CYP3A4 antibody (C-Term)



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1 Image

Overview

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 IYALHHDPKYWTEPEKFCPESRFSKKNKDSIDLRYRYPFGAGPRNCIGMR
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.