Datasheet for ABIN6261172

anti-CYP3A5 antibody

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Overview

Quantity:	100 µL
Target:	CYP3A5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP3A5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human CYP3A5
Isotype:	IgG
Specificity:	CYP3A5 Antibody detects endogenous levels of total CYP3A5
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CYP3A5
Alternative Name:	CYP3A5 (CYP3A5 Products)
Background:	Description: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver

Target Details

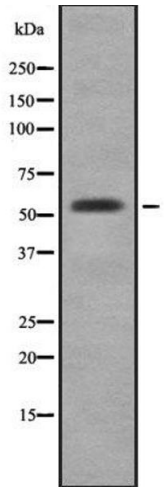
	microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. Gene: CYP3A5
Molecular Weight:	57 kDa
Gene ID:	1577
UniProt:	P20815
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	WB 1:1000-3000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of CYP3A5 using HepG2 whole cell lysates

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