

Datasheet for ABIN2777001
anti-CYP2A7 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	CYP2A7
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Dog, Guinea Pig, Horse, Sheep, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2A7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human CYP2A7
Sequence:	EGLARMELFL FFTTVMQNFR LKSSQSPKDI DVSPKHVVFA TIPRNYTMSF
Predicted Reactivity:	Cow: 93%, Dog: 79%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Rat: 86%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against CYP2A7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CYP2A7
Alternative Name:	CYP2A7 (CYP2A7 Products)

Target Details

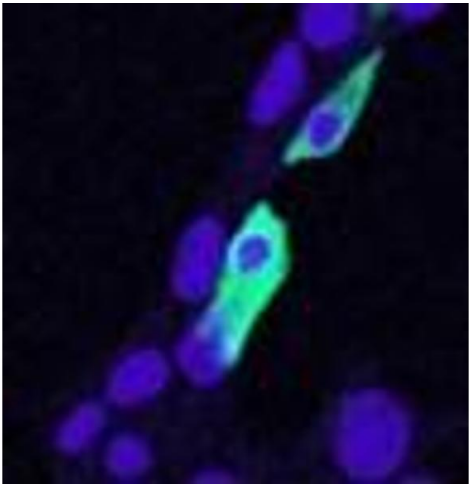
Background:	<p>This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum, its substrate has not yet been determined. This gene, which produces two transcript variants, is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q.</p> <p>Alias Symbols: CPA7, CPAD, CYP2A, CYP11A7, P450-IIA4</p> <p>Protein Size: 443</p>
Molecular Weight:	48 kDa
Gene ID:	1549
NCBI Accession:	NM_030589 , NP_085079
UniProt:	F8W816

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Immunofluorescence
Image 1.