

Datasheet for ABIN2777030
anti-CYP4A22 antibody (N-Term)



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1 Image

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Overview

Quantity:	100 µL
Target:	CYP4A22
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4A22 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CYP4A22
Sequence:	AQLYLHRQWL LKALQQFPCP PSHWLFGHIQ EFQHDQELQR IQERVKTFFS
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against CYP4A22. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CYP4A22
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Target Details

Alternative Name:	CYP4A22 (CYP4A22 Products)
Background:	<p>CYP4A22 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.</p> <p>Alias Symbols: -</p> <p>Protein Size: 519</p>
Molecular Weight:	59 kDa
Gene ID:	284541
NCBI Accession:	NM_001010969 , NP_001010969
UniProt:	Q5TCH4
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 519 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
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 repeated 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.

Publications

Product cited in: Harrison, Mazet, Holekamp, Dubovi, Engh, Nelson, Van Horn, Munson: "Antibodies to canine and feline viruses in spotted hyenas (*Crocuta crocuta*) in the Masai Mara National Reserve." in: **Journal of wildlife diseases**, Vol. 40, Issue 1, pp. 1-10, (2004) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-CYP4A22 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Stomach