

# Datasheet for ABIN2777030

## anti-CYP4A22 antibody (N-Term)





Publication



Go to Product page

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 IQERVKTFPS
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

### **Target Details**

Alternative Name:	CYP4A22 (CYP4A22 Products)
Background:	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.  Alias Symbols: -
	Protein Size: 519
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.

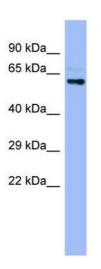
#### **Publications**

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