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# Datasheet for ABIN2777012 anti-CYP4F3 antibody (N-Term)

3 Images



# Overview

Quantity:	100 µL
Target:	CYP4F3
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4F3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

# Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human
-	CYP4F3
Sequence:	LAWTYTFYDN CCRLRCFPQP PKRNWFLGHL GLIHSSEEGL LYTQSLACTF
Predicted Reactivity:	Dog: 86%, Human: 100%, Mouse: 85%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against CYP4F3. It was validated on Western Blot using a
	cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	CYP4F3

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Target Details	
Alternative Name:	CYP4F3 (CYP4F3 Products)
Background:	This gene, CYP4F3, 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 prot Alias Symbols: CPF3, CYP4F, LTB4H Protein Interaction Partner: UBC,
	Protein Size: 520
Molecular Weight:	60 kDa
Gene ID:	4051
NCBI Accession:	NM_000896, NP_000887
UniProt:	Q08477
Pathways:	Steroid Hormone Biosynthesis, C21-Steroid Hormone Metabolic Process, Monocarboxylic Acid Catabolic Process

# Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 520 AA
Restrictions:	For Research Use only

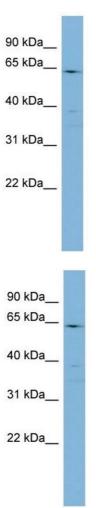
# Handling

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

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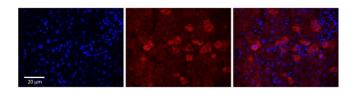
### aliquots to prevent freeze-thaw cycles.

### Images



## Western Blotting

**Image 1.** WB Suggested Anti-CYP4F3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate CYP4F3 is supported by BioGPS gene expression data to be expressed in OVCAR3



### Immunohistochemistry

**Image 3.** Rabbit Anti-CYP4F3 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Cytoplasm in hepatocytes, strong signal, moderate tissue distribution Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec Protocol located in Reviews and Data.