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Datasheet for ABIN2777007
anti-CYP4B1 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	CYP4B1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4B1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Cyp4b1
Sequence:	FRLYPPVPQV YRQLSKPVTF VDGRSLPAGS LISLHIYALH RNSAVWPDPE
Predicted Reactivity:	Cow: 86%, Dog: 93%, Goat: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Cyp4b1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CYP4B1
Alternative Name:	Cyp4b1 (CYP4B1 Products)

Target Details

Background: Cyp4b1 is responsible for mutagenic activation of 3-methoxy-4-aminoazobenzene (3-MeO-AAB), a potent procarcinogen. Cyp4b1 is also active on 2-aminofluorene and 2-aminoanthracene.

Alias Symbols: -

Protein Size: 511

Molecular Weight: 59 kDa

Gene ID: 13120

NCBI Accession: [NM_007823](#), [NP_031849](#)

UniProt: [Q64462](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 511 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.

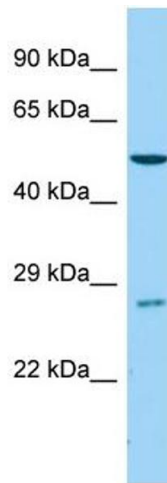
Preservative: Sodium azide

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.



Western Blotting

Image 1. Host: Rabbit Target Name: Cyp4b1 Sample Type: Mouse Testis lysates Antibody Dilution: 1.0ug/ml