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## Datasheet for ABIN5515918 **anti-CYP2C8 antibody (C-Term)**

### Overview

Quantity:	100 µL
Target:	CYP2C8
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2C8 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen for Anti-CYP2C8 antibody is: synthetic peptide directed towards the C-terminal region of Human CP2C8
Sequence:	NPNIFDPGHF LDKNGNFKKS DYFMPFSAGK RICAGEGLAR MELFLFLTTI
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 86%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CP2C8. It was validated on Western Blot.
Purification:	Affinity purified

### Target Details

Target:	CYP2C8
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## Target Details

Alternative Name: CYP2C8 ([CYP2C8 Products](#))

Background: 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 and its expression is induced by phenobarbital. The enzyme is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, benzo(a)pyrene, 7-ethoxycoumarin, and the anti-cancer drug taxol. This gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. Several transcript variants encoding a few different isoforms have been found for this gene.

Alias Symbols: CPC8, CYPIIC8, MP-12/MP-20,

Protein Interaction Partner: PGRMC1, RNF32, EXOC6, ECSIT, MAST1, LONP1, PSEN1, IFIT3, DNAJB1, BLMH, APOE, A2M,

Protein Size: 388

Gene ID: 1558

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

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.

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.