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Datasheet for ABIN2789601 anti-CYP4F2 antibody (C-Term)



Image



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Quantity:	100 μL
Target:	CYP4F2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Sheep, Goat, Guinea Pig, Horse, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4F2 antibody is un-conjugated
Application:	Western Blotting (WB)

## **Product Details**

Sequence:	QAKAKSKTLD FIDVLLLSKD EDGKKLSDED IRAEADTFMF EGHDTTASGL
Predicted Reactivity:	Cow: 92%, Dog: 86%, Goat: 83%, Guinea Pig: 92%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against CYP4F2. It was validated on Western Blot.
Purification:	Affinity Purified

# **Target Details**

Target:	CYP4F2
Alternative Name:	CYP4F2 (CYP4F2 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. The enzyme starts the process of inactivating and degrading leukotriene B4, a potent mediator of inflammation. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F11, is approximately 16 kb away.

Alias Symbols: CPF2

Protein Interaction Partner: PDR, CYB5A, UBC,

Protein Size: 520

 Molecular Weight:
 60 kDa

 Gene ID:
 8529

 NCBI Accession:
 NM\_001082, NP\_001073

 UniProt:
 P78329

Pathways: 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

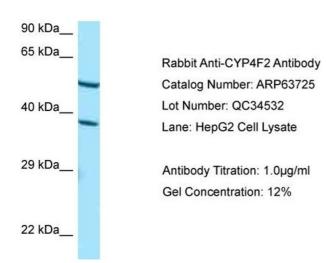
# Handling

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.

## **Images**



## **Western Blotting**

Image 1.