

Datasheet for ABIN2789601
anti-CYP4F2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

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

Target Details

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

