

Datasheet for ABIN7264047  
**anti-CYP4F12 antibody**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	CYP4F12
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP4F12 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein of human CYP4F12 (NP_076433.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	CYP4F12
Alternative Name:	CYP4F12 ( <a href="#">CYP4F12 Products</a> )
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 likely localizes to the endoplasmic reticulum. When expressed in yeast the enzyme is capable of

## Target Details

oxidizing arachidonic acid. It can also catalyze the epoxidation of 22:6n-3 and 22:5n-3 polyunsaturated long-chain fatty acids. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Alternative splicing results in multiple transcript variants.

Molecular Weight: Observed\_MW: 60 kDa  
Calculated\_MW: 11 kDa/60 kDa

Gene ID: 66002

UniProt: [Q9HCS2](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

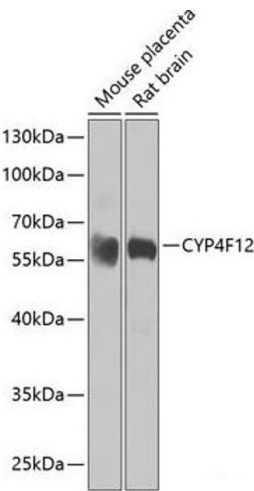
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using CYP4F12 Polyclonal Antibody at dilution of 1:1000.