



[Go to Product page](#)

Datasheet for ABIN2788732
anti-FMO2 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	FMO2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FMO2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FMO2
Sequence:	KYIQFQTTVL SVRKCPDFSS SGQWKVWTQS NGKEQSAVFD AVMVCSGHHI
Predicted Reactivity:	Cow: 86%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 85%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FMO2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FMO2
Alternative Name:	FMO2 (FMO2 Products)
Background:	The flavin-containing monooxygenases are NADPH-dependent enzymes that catalyze the

Target Details

oxidation of many drugs and xenobiotics. In most mammals, there is a flavin-containing monooxygenase that catalyzes the N-oxidation of some primary alkylamines through an N-hydroxylamine intermediate. However, in humans, this enzyme is truncated and is probably rapidly degraded. The protein encoded by this gene represents the truncated form and apparently has no catalytic activity. A functional allele found in African Americans has been reported, but no sequence evidence has been deposited to support the finding. This gene is found in a cluster with the FMO1, FMO3, and FMO4 genes on chromosome 1.

Alias Symbols: FLJ40826, FMO1B1

Protein Size: 471

Molecular Weight:	54 kDa
Gene ID:	2327
NCBI Accession:	NM_001460 , NP_001451
UniProt:	Q99518

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 471 AA
Restrictions:	For Research Use only

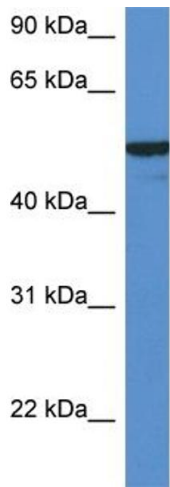
Handling

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

Handling

aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-FMO2 Antibody
Catalog Number: ARP61234
Lot Number: QC31954
Lane: 293T Cell Lysate

Antibody Titration: 1.0 µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.