

Datasheet for ABIN2781862  
**anti-FMO3 antibody (N-Term)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	FMO3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FMO3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FMO3
Sequence:	FMHNSKIQEY IIAFAKEKNL LKYIQFKTFV SSVNKHDPFA TTGQWDVTTE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 90%, Horse: 86%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FMO3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	FMO3
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## Target Details

Alternative Name:	FM03 ( <a href="#">FM03 Products</a> )
Background:	<p>FM03 is involved in the oxidative metabolism of a variety of xenobiotics such as drugs and pesticides. It N-oxygenates primary aliphatic alkylamines as well as secondary and tertiary amines. It acts on TMA to produce TMA-N-oxide.</p> <p>Alias Symbols: FM0II, MGC34400, dJ127D3.1, TMAU</p> <p>Protein Size: 532</p>
Molecular Weight:	59 kDa
Gene ID:	2328
NCBI Accession:	<a href="#">NM_001002294</a> , <a href="#">NP_001002294</a>
UniProt:	<a href="#">P31513</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 532 AA
Restrictions:	For Research Use only

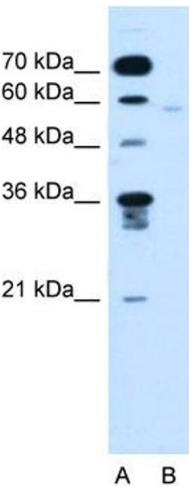
## Handling

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 aliquots to prevent freeze-thaw cycles.

Publications

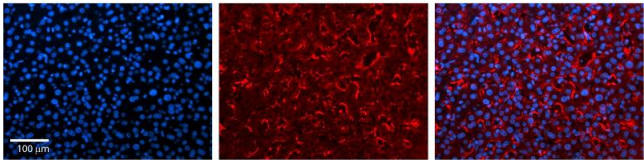
Product cited in: Derebecka-Holysz, Lehmann, Holysz, Trzeciak: "SMAD3 inhibits SF-1-dependent activation of the CYP17 promoter in H295R cells." in: **Molecular and cellular biochemistry**, Vol. 307, Issue 1-2, pp. 65-71, (2007) ([PubMed](#)).

Images



Western Blotting

**Image 1.** WB Suggested Anti-FMO3 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

**Image 2.** FMO3 antibody - N-terminal region Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in sinusoids of liver Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec