

Datasheet for ABIN2855649

**anti-FMO3 antibody**

3 Images

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## Overview

Quantity:	100 µL
Target:	FMO3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FMO3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human FMO3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to FMO3 (flavin containing monooxygenase 3) FMO3 antibody [N2C2], Internal
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	FMO3
Alternative Name:	flavin containing monooxygenase 3 ( <a href="#">FMO3 Products</a> )

## Target Details

**Background:** The mammalian flavin-containing monooxygenases (FMO, EC 1.14.13.8) represent a multigene family whose gene products are localized in the endoplasmic reticulum of many tissues. These enzymes catalyze the NADPH-dependent oxidative metabolism of many drugs, pesticides, and other foreign compounds. Their substrates are soft nucleophiles with an electron-rich center, typically a nitrogen, sulfur or phosphorus-containing functional group, as the site for oxidative attack by the enzyme (Ziegler, 1990 [PubMed 2203193], Hines et al., 1994 [PubMed 8128486]).[supplied by OMIM]

Cellular Localization: Microsome membrane , Endoplasmic reticulum membrane

**Molecular Weight:** 60 kDa

**Gene ID:** 2328

**UniProt:** [P31513](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: Mouse liver , A549 , H1299

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

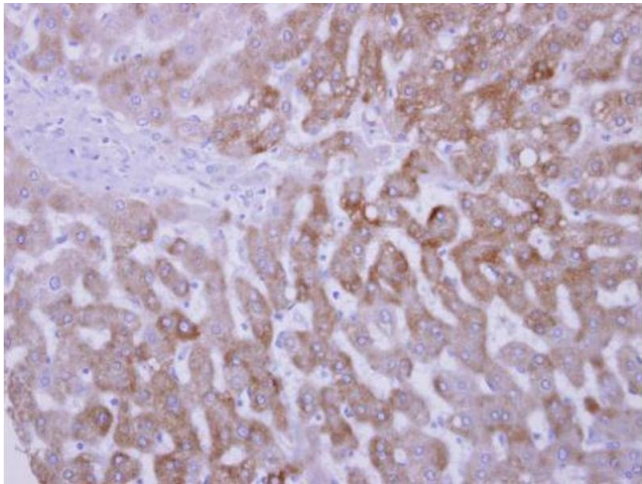
**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

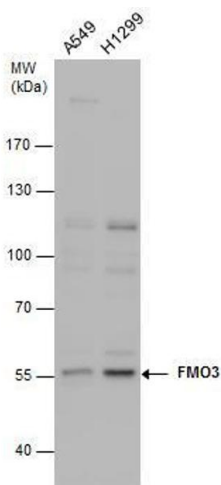
**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



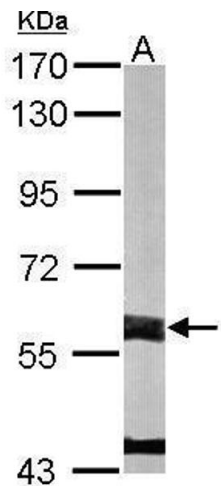
### Immunohistochemistry

**Image 1.** IHC-P Image FMO3 antibody [N2C2], Internal detects FMO3 protein at cytosol on human normal liver by immunohistochemical analysis. Sample: Paraffin-embedded normal liver. FMO3 antibody [N2C2], Internal , dilution: 1:500.



### Western Blotting

**Image 2.** WB Image FMO3 antibody detects FMO3 protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with FMO3 antibody , diluted at a dilution of 1:500.



### Western Blotting

**Image 3.** WB Image Sample (50 ug of whole cell lysate) A: Mouse liver 7.5% SDS PAGE antibody diluted at 1:500