

Product datasheet

Anti-FMO2 antibody ab95977

[2 Images](#)

Overview

Product name	Anti-FMO2 antibody
Description	Rabbit polyclonal to FMO2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Monkey
Immunogen	Recombinant fragment containing a sequence corresponding to a region within amino acids 74-324 of Human FMO2 (NP_001451).
Positive control	HepG2 whole cell lysate; A549 xenograft; 293T, A431, H1299, HeLa, Molt4 and Raji lysates

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab95977** in the following tested applications.

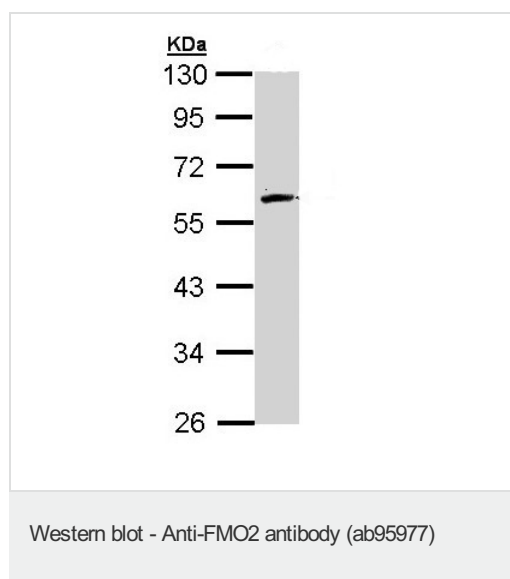
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 61 kDa.
IHC-P		1/100 - 1/500.

Target

Function	Catalyzes the N-oxidation of certain primary alkylamines to their oximes via an N-hydroxylamine intermediate. Inactive toward certain tertiary amines, such as imipramine or chlorpromazine. Can catalyze the S-oxidation of methimazole. The truncated form is catalytically inactive.
Tissue specificity	Expressed in lung (at protein level). Expressed predominantly in lung, and at a much lesser extent in kidney. Also expressed in fetal lung, but not in liver, kidney and brain.
Sequence similarities	Belongs to the FMO family.
Post-translational modifications	The truncated form is probably unable to fold correctly and is rapidly degraded. FMO2*1 is sumoylated at 'Lys-492'.
Cellular localization	Microsome membrane. Endoplasmic reticulum membrane.

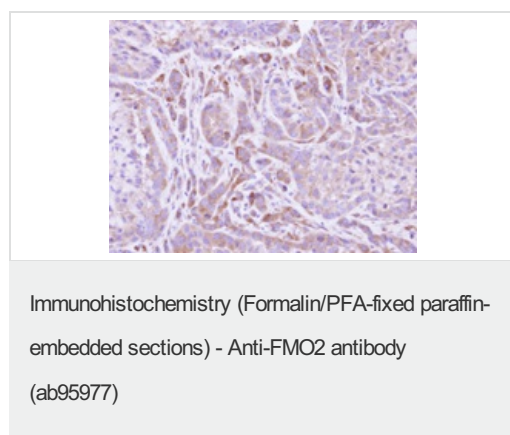
Images



Anti-FMO2 antibody (ab95977) at 1/1000 dilution + HepG2 whole cell lysate at 30 µg

Predicted band size: 61 kDa

10% SDS-PAGE



ab95977, at 1/500 dilution, staining FMO2 in paraffin-embedded A549 xenograft by Immunohistochemistry.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors