Datasheet for ABIN2781861

anti-FMO3 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	FMO3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Goat, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FMO3 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 FMO3
Sequence:	MGKKVAIIGA GVSGLASIRS CLEEGLEPTC FEKSNDIGGL WKFSDHAEEG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Yeast: 100%
Characteristics:	This is a rabbit polyclonal antibody against FMO3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FMO3
Alternative Name:	FMO3 (FMO3 Products)

Target Details

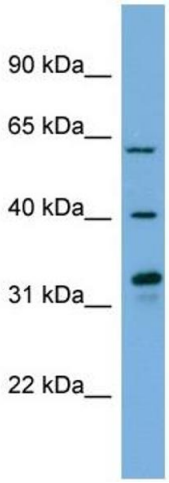
Background:	FMO3 is involved in the oxidative metabolism of a variety of xenobiotics such as drugs and pesticides. It N-oxygenates primary aliphatic alkylamines as well as secondary and tertiary amines. It acts on TMA to produce TMA-N-oxide. Alias Symbols: FMOII, MGC34400, dJ127D3.1, TMAU Protein Size: 532
Molecular Weight:	60 kDa
Gene ID:	2328
NCBI Accession:	NM_001002294, NP_001002294
UniProt:	P31513

Application Details

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

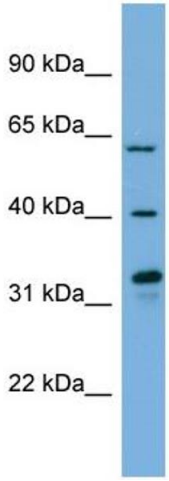
Handling

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.



Western Blotting

Image 1. WB Suggested Anti-FMO3 Antibody Titration: 0.2-1 ug/ml Positive Control: OVCAR-3 cell lysate FMO3 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells



Western Blotting

Image 2. WB Suggested Anti-FMO3

Antibody Titration: 0.2-1 µg/mL

Positive Control: OVCAR-3 cell lysate

FMO3 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells