

For Research Use Only

# FMO2-specific Polyclonal antibody

Catalog Number: 16861-1-AP



## Basic Information

<b>Catalog Number:</b> 16861-1-AP	<b>GenBank Accession Number:</b> NM_001460	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 µg/ml by Nanodrop and 140 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2327	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99518	
<b>Isotype:</b> IgG	<b>Full Name:</b> flavin containing monooxygenase 2	
	<b>Calculated MW:</b> 54 kDa	
	<b>Observed MW:</b> 50-60 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse kidney tissue, mouse lung tissue
<b>Species Specificity:</b> human, mouse	

## Background Information

FMO2, belongs to FMO (flavin containing monooxygenase) family, which catalyzes the oxidation of soft nucleophilic heteroatom centers in drugs, pesticides, and xenobiotics. FMO family has 1-5 members, with homologous sequences. This antibody is specially against FMO2. It does not bind other FMOs.

## Storage

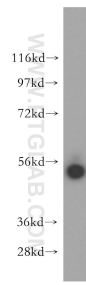
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 16861-1-AP (FMO2-specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.