

For Research Use Only

# CYP4F3 Polyclonal antibody

Catalog Number: 19701-1-AP



## Basic Information

<b>Catalog Number:</b> 19701-1-AP	<b>GenBank Accession Number:</b> NM_000896	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 460 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4051	<b>Recommended Dilutions:</b> WB 1:200-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> cytochrome P450, family 4, subfamily F, polypeptide 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 60 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HL-60 cells,
<b>Species Specificity:</b> human	

## Background Information

CYP4F3, also named as LTB4H and CYP11B3, belongs to the cytochrome P450 family. Cytochromes P450 are a group of heme-thiolate monooxygenases. CYP4F3 requires molecular oxygen and NADPH for the omega-hydroxylation of LTB4, a potent chemoattractant for polymorphonuclear leukocytes.

## Storage

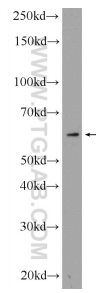
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



HL-60 cells were subjected to SDS PAGE followed by western blot with 19701-1-AP (CYP4F3 Antibody) at dilution of 1:300 incubated at 4 degree celsius over night.