# antibodies -online.com







**Images** 



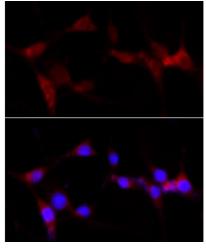
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Quantity:	100 μL	
Target:	CYP1B1	
Binding Specificity:	AA 1-260	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CYP1B1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human CYP1B1 (NP_000095.2).	
Sequence:	MGTSLSPNDP WPLNPLSIQQ TTLLLLLSVL ATVHVGQRLL RQRRRQLRSA PPGPFAWPLI GNAAAVGQAA HLSFARLARR YGDVFQIRLG SCPIVVLNGE RAIHQALVQQ GSAFADRPAF ASFRVVSGGR SMAFGHYSEH WKVQRRAAHS MMRNFFTRQP RSRQVLEGHV LSEARELVAL LVRGSADGAF LDPRPLTVVA VANVMSAVCF GCRYSHDDPE FRELLSHNEE FGRTVGAGSL VDVMPWLQYF PNPVRTVFRE	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	
	Affinity purification	

# Target Details

Target:	CYP1B1	
Alternative Name:	CYP1B1 (CYP1B1 Products)	
Background:	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene localizes to the endoplasmic reticulum and metabolizes procarcinogens such as polycyclic aromatic hydrocarbons and 17beta-estradiol. Mutations in this gene have been associated with primary congenital glaucoma, therefore it is thought that the enzyme also metabolizes a signaling molecule involved in eye development, possibly a steroid.,CYP1B1,ASGD6,CP1B,CYPIB1,GLC3A,P4501B1,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cholesterol Metabolism,Drug metabolism,Neuroscience,Cardiovascular,Lipids,CYP1B1	
Molecular Weight:	60 kDa	
Gene ID:	1545	
UniProt:	Q16678	
Pathways:	Steroid Hormone Biosynthesis	
Application Details		
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
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 freeze / thaw cycles	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	



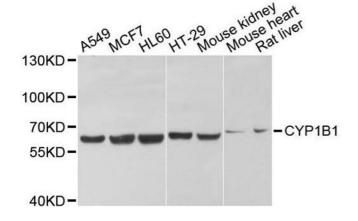
# CEM 130KD-95KD-72KD--CYP1B1 55KD-43KD-34KD-26KD-

## **Immunofluorescence**

Image 1. Immunofluorescence analysis of PC-12 cells using CYP1B1 antibody (ABIN3021930, ABIN3021931, ABIN3021932 and ABIN6217881) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## **Western Blotting**

Image 2. Western blot analysis of extracts of CEM cell lines, using CYP1B1 antibody.



# **Western Blotting**

Image 3. Western blot analysis of extracts of various cell lines, using CYP1B1 antibody.

Please check the product details page for more images. Overall 5 images are available for ABIN3021931.