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anti-CYP26B1 antibody (AA 213-512)

 $100 \, \mu L$



Image



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Quantity:

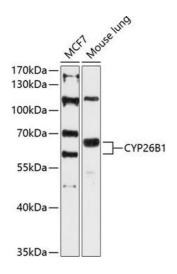
Purification:

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Target:	CYP26B1
Binding Specificity:	AA 213-512
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP26B1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
lmmunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 213-512 of human CYP26B1 (NP_063938.1).
Sequence:	VYQQFVDNVF SLPVDLPFSG YRRGIQARQI LQKGLEKAIR EKLQCTQGKD YLDALDLLIE SSKEHGKEMT MQELKDGTLE LIFAAYATTA SASTSLIMQL LKHPTVLEKL RDELRAHGIL HSGGCPCEGT LRLDTLSGLR YLDCVIKEVM RLFTPISGGY RTVLQTFELD GFQIPKGWSV MYSIRDTHDT APVFKDVNVF DPDRFSQARS EDKDGRFHYL PFGGGVRTCL GKHLAKLFLK VLAVELASTS RFELATRTFP RITLVPVLHP VDGLSVKFFG LDSNQNEILP ETEAMLSATV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Affinity purification

Target Details

Target:	CYP26B1		
Alternative Name:	CYP26B1 (CYP26B1 Products)		
Background:	This gene encodes a member of the cytochrome P450 superfamily. The cytochrome P450		
	proteins are monooxygenases which catalyze many reactions involved in drug metabolism and		
	synthesis of cholesterol, steroids and other lipids. The encoded protein is localized to the		
	endoplasmic reticulum, and functions as a critical regulator of all-trans retinoic acid levels by		
	the specific inactivation of all-trans retinoic acid to hydroxylated forms. Mutations in this gene		
	are associated with radiohumeral fusions and other skeletal and craniofacial anomalies, and		
	increased levels of the encoded protein are associated with atherosclerotic lesions. Alternative		
	splicing results in multiple transcript variants.,CYP26B1,CYP26A2,P450RAI-		
	2,P450RAI2,RHFCA,Cancer,Signal Transduction,Endocrine & Metabolism,Mitochondrial		
	metabolism,Cytochromes,Lipid Metabolism,Cytochromes,Lipases,Drug		
	metabolism,Immunology & Inflammation,Cytokines,Cardiovascular,Lipids,CYP26B1		
Molecular Weight:	49 kDa/55 kDa/57 kDa		
Gene ID:	56603		
UniProt:	Q9NR63		
Pathways:	Retinoic Acid Receptor Signaling Pathway, Regulation of Muscle Cell Differentiation,		
	Monocarboxylic Acid Catabolic Process		
Application Details			
Application Notes:	WB,1:500 - 1:2000		
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.		
Storage:	-20 °C		
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.		



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CYP26B1 antibody (ABIN6130158, ABIN6139325, ABIN6139326 and ABIN6215727) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.