

产品名称: MB67 Rabbit Polyclonal Antibody
产品货号: APRab13679



产品概述 (Summary)

产品名称 (Production Name)	MB67 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NR1I3 NR1I3; CAR; Nuclear receptor subfamily 1 group I member 3; Constitutive activator of retinoid response; Constitutive active response; Constitutive androstane receptor; CAR; Orphan nuclear receptor MB67
别名 (Alternative Names)	
基因 ID (Gene ID)	9970.0
蛋白 ID (SwissProt ID)	Q14994.The antiserum was produced against synthesized peptide derived from human NR1I3. AA range:71-120

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	35kDa

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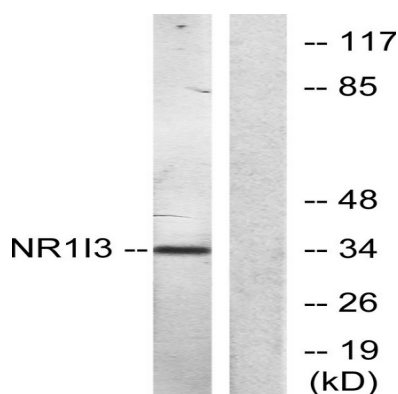
研究背景 (Background)

This gene encodes a member of the nuclear receptor superfamily, and is a key regulator of xenobiotic and endobiotic metabolism. The protein binds to DNA as a monomer or a heterodimer with the retinoid X receptor and regulates the transcription of target genes involved in drug metabolism and bilirubin clearance, such as cytochrome P450 family members. Unlike most nuclear receptors, this transcriptional regulator is constitutively active in the absence of ligand but is regulated by both agonists and inverse agonists. Ligand binding results in translocation of this protein to the nucleus, where it activates or represses target gene transcription. These ligands include bilirubin, a variety of foreign compounds, steroid hormones, and prescription drugs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],domain:Composed by a short N-terminal domain followed by the DNA binding, hinge, and ligand binding/dimerization domains.,function:Binds and transactivates the retinoic acid response elements that control expression of the retinoic acid receptor beta 2 and alcohol dehydrogenase 3 genes. Transactivates both the phenobarbital responsive element module of the human CYP2B6 gene and the CYP3A4 xenobiotic response element.,induction:By dexamethasone.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR1 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Heterodimer of NR1I3 and RXR. Interacts with PSMC4.,tissue specificity:Predominantly expressed in liver.,

研究领域 (Research Area)

Drug metabolism; Metabolism; Pathways and Processes; Metabolic signaling pathways; Drug metabolism; Retinoic & Retinoid; Epigenetics and Nuclear Signaling; Nuclear Signaling Pathways; Nuclear Receptors; Orphan Nuclear Receptors; Signal Transduction; Neuroscience

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, treated with serum 20% 15', using NR1I3 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only.

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