

产品名称: ERR alpha Rabbit Monoclonal Antibody
产品货号: AMRe03994



产品概述 (Summary)

产品名称 (Production Name)	ERR alpha Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,FC,IP
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ESRRA ESRRA; ERRa; ERR1; HERR1; NR3B1; Steroid hormone receptor ERR1; ERR-alpha; ERRalpha; ESRL1; Estrogen receptor-like 1; Estrogen-related receptor alpha
别名 (Alternative Names)	
基因 ID (Gene ID)	2101
蛋白 ID (SwissProt ID)	P11474.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,FC 1:50-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW:46 kDa;Observed MW: 50 kDa

产品名称: ERR alpha Rabbit Monoclonal Antibody
产品货号: AMRe03994



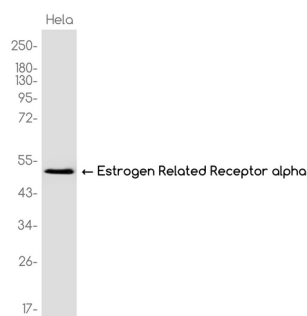
研究背景 (Background)

Estrogen-related receptor alpha (ERR α /NR3B1) is an orphan nuclear receptor that controls transcription of genes involved in fatty acid oxidation, glucose metabolism, and mitochondrial biogenesis. The receptor protein contains a non-conserved amino terminal domain (NTD), a central zinc finger DNA binding domain, and a ligand-binding domain. The carboxy-terminal AF2 helix motif of ERR α contains binding sites for nuclear receptor coactivators PGC-1 α and PGC-1 β . Research studies demonstrate that ERR α transcriptional activity is regulated through phosphorylation and sumoylation within the NTD.

研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Western blot analysis of ERR alpha in HeLa lysates using ERR alpha antibody.

注意事项 (Note)

For research use only .