

产品名称: HMG2 Mouse Monoclonal Antibody
产品货号: AMM85934



产品概述 (Summary)

产品名称 (Production Name)	HMG2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
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)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HMG2
别名 (Alternative Names)	High mobility group protein HMGI-C, High mobility group AT-hook protein 2, HMGA2, HMGIC
基因 ID (Gene ID)	8091.0
蛋白 ID (SwissProt ID)	P52926. This HMG2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from human HMG2.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:8000
蛋白分子量 (Molecular Weight)	11.8kDa

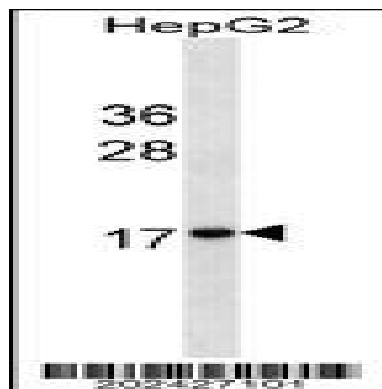
研究背景 (Background)

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This gene encodes a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. HMG proteins function as architectural factors and are essential components of the enhancosome. This protein contains structural DNA-binding domains and may act as a transcriptional regulating factor. Identification of the deletion, amplification, and rearrangement of this gene that are associated with myxoid liposarcoma suggests a role in adipogenesis and mesenchymal differentiation. A gene knock out study of the mouse counterpart demonstrated that this gene is involved in diet-induced obesity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

研究领域 (Research Area)

图片 (Image Data)



HMG2 Antibody (Cat. #AMM85934) western blot analysis in HepG2 cell line lysates (35µg/lane). This demonstrates the HMG2 antibody detected the HMG2 protein (arrow).

注意事项 (Note)

For research use only .