

产品名称: HMG-2 Rabbit Polyclonal Antibody
产品货号: APRab12103



产品概述 (Summary)

产品名称 (Production Name)	HMG-2 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,Mouse,Rat

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)	HMGB2
别名 (Alternative Names)	HMGB2; HMG2; High mobility group protein B2; High mobility group protein 2; HMG-2
基因 ID (Gene ID)	3148.0
蛋白 ID (SwissProt ID)	P26583.The antiserum was produced against synthesized peptide derived from human HMGB2. AA range:131-180

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	27kDa

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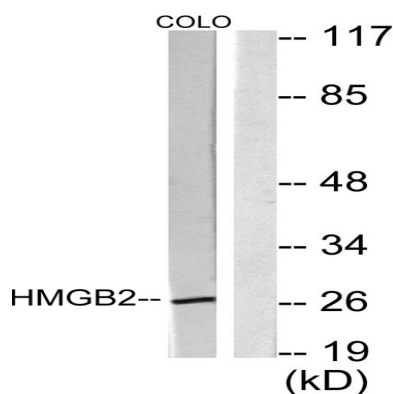
研究背景 (Background)

This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. [provided by RefSeq, Jul 2008],function: Binds preferentially single-stranded DNA and unwinds double stranded DNA.,similarity: Belongs to the HMGB family.,similarity: Contains 2 HMG box DNA-binding domains.,subunit: Component of the SET complex, which also contains SET, ANP32A, APEX1 and NME1. Directly interacts with SET.,

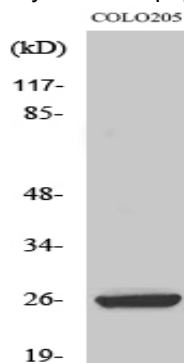
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Western blot analysis of lysates from COLO205 cells, using HMGB2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HMG-2 Polyclonal Antibody

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注意事项 (Note)

For research use only .