

产品名称: Phospho-Smad5 (Ser463/465) Rabbit Monoclonal Antibody
产品货号: AMRe20352



产品概述 (Summary)

产品名称 (Production Name)	Phospho-Smad5 (Ser463/465) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SMAD5 DKFZp781C1895; DKFZp781O1323; Dwfc; hSmad 5; hSmad5; JV5 1; JV5-1;MAD homolog 5; MAD mothers against decapentaplegic homolog 5; MAD;mothers against decapentaplegic homolog 5; MADH 5; MADH5; Mothers against decapentaplegic homolog 5; Mothers against DPP homolog 5;MusMLP; SMA and MAD related protein 5; SMAD 5; SMAD family member 5; SMAD mothers against DPP homolog 5; Smad5; Smad5; SMAD5_HUMAN.
别名 (Alternative Names)	
基因 ID (Gene ID)	4090.0
蛋白 ID (SwissProt ID)	Q99717.

产品应用 (Application)

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稀释比 (Dilution Ratio)

WB 1:500-1:1000, IHC 1:50-1:100

蛋白分子量 (Molecular Weight)

Calculated MW: 52 kDa; Observed MW: 58 kDa

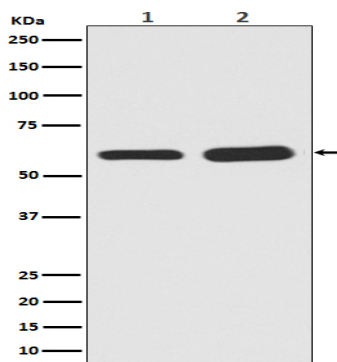
研究背景 (Background)

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. Smad5 is a receptor-regulated Smad (R-Smad). Smad5 is required for normal development of the cardiovascular system in vivo; lack of the Smad5 gene results in apoptosis of cardiac myocytes. 3 Upregulation of Smad5 has been reported to mediate apoptosis of gastric epithelial cells induced by Helicobacter pylori infection. Tissue specificity: Ubiquitous.

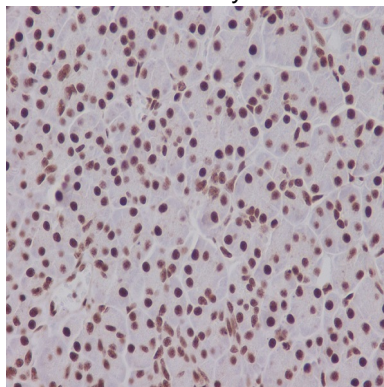
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of Phospho-Smad5 in (1) mouse brain lysates; (2) Rat brain lysates using Phospho-Smad5 (Ser463/465) antibody



Immunohistochemistry analysis of paraffin-embedded Human pancreas using Phospho-Smad5 (S463/465) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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注意事项 (Note)

For research use only .