

产品名称: FoxD3 Rabbit Polyclonal Antibody
产品货号: AP Rab11080



产品概述 (Summary)

产品名称 (Production Name)	FoxD3 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

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)	FOXD3
别名 (Alternative Names)	FOXD3; HFH2; Forkhead box protein D3; HNF3/FH transcription factor genesis
基因 ID (Gene ID)	27022.0
蛋白 ID (SwissProt ID)	Q9UJU5.The antiserum was produced against synthesized peptide derived from human FOXD3. AA range:211-260

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	48kDa

研究背景 (Background)

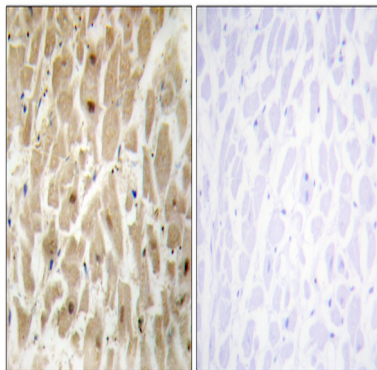
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This gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. Mutations in this gene cause autoimmune susceptibility 1. [provided by RefSeq, Nov 2008],disease:Defects in FOXD3 are associated with susceptibility to autoimmune disease type 1 (AIS1) [MIM:607836]; also called vitiligo-associated multiple autoimmune disease susceptibility type 2 (VAMAS2). Generalized vitiligo is an acquired disorder in which white patches of skin and hair result from autoimmune loss of melanocytes, often associated with other autoimmune disorders. Most cases occur in a sporadic family pattern suggesting polygenic, multifactorial inheritance. However, a striking family in which a somewhat unusual vitiligo phenotype has been described, characterized by progressively coalescent diffuse depigmentation and relatively early disease onset, segregated as an apparent autosomal dominant with incomplete penetrance.,function: Binds to the consensus sequence 5'-A[AT]T[AG]TTTGGTTT-3' and acts as a transcriptional repressor. Also acts as a transcriptional activator. Promotes development of neural crest cells from neural tube progenitors. Restricts neural progenitor cells to the neural crest lineage while suppressing interneuron differentiation. Required for maintenance of pluripotent cells in the pre-implantation and peri-implantation stages of embryogenesis.,similarity: Contains 1 fork-head DNA-binding domain.,tissue specificity: Expressed in chronic myeloid leukemia, Jurkat T-cell leukemia and teratocarcinoma cell lines, but not in any other cell lines or normal tissues examined.,

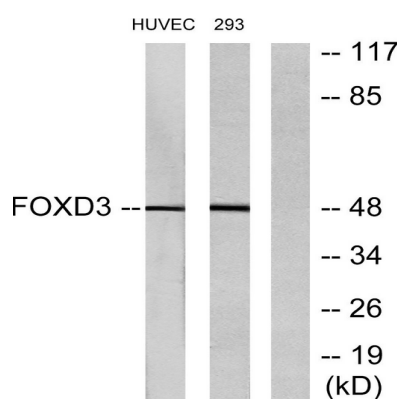
研究领域 (Research Area)

图片 (Image Data)

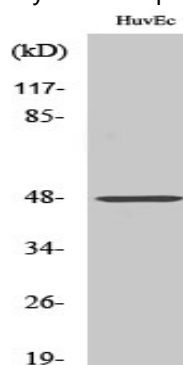


Immunohistochemistry analysis of paraffin-embedded human heart tissue, using FOXD3 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HUVEC and 293 cells, using FOXD3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using FoxD3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .