

产品名称: HES-6 Rabbit Polyclonal Antibody
产品货号: APRab11995



产品概述 (Summary)

产品名称 (Production Name)	HES-6 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,Rat,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)	HES6
别名 (Alternative Names)	HES6; BHLHB41; Transcription cofactor HES-6; C-HAIRY1; Class B basic helix-loop-helix protein 41; bHLHb41; Hairy and enhancer of split 6
基因 ID (Gene ID)	55502.0
蛋白 ID (SwissProt ID)	Q96HZ4.The antiserum was produced against synthesized peptide derived from human HES6. AA range:1-50

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	30kDa

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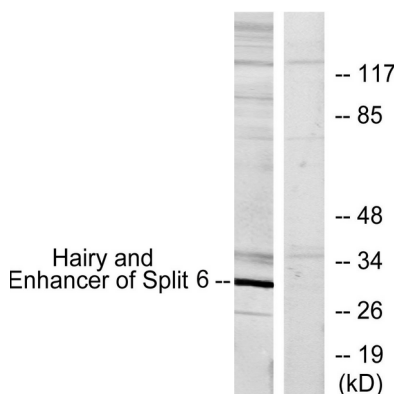


研究背景 (Background)

This gene encodes a member of a subfamily of basic helix-loop-helix transcription repressors that have homology to the Drosophila enhancer of split genes. Members of this gene family regulate cell differentiation in numerous cell types. The protein encoded by this gene functions as a cofactor, interacting with other transcription factors through a tetrapeptide domain in its C-terminus. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Dec 2008],domain:Has a particular type of basic domain (presence of a helix-interrupting proline) that binds to the N-box (CACNAG), rather than the canonical E-box (CANNTG),.domain:The C-terminal WRPW motif is a transcriptional repression domain necessary for the interaction with Groucho/TLE family members, transcriptional corepressors recruited to specific target DNA by Hairy-related proteins,.function:Does not bind DNA itself but suppresses both HES1-mediated N box-dependent transcriptional repression and binding of HES1 to E box sequences. Also suppresses HES1-mediated inhibition of the heterodimer formed by ASCL1/MASH1 and TCF3/E47, allowing ASCL1 and TCF3 to up-regulate transcription in its presence. Promotes cell differentiation,.similarity:Contains 1 basic helix-loop-helix (bHLH) domain,.similarity:Contains 1 Orange domain,.subunit:Transcription repression requires formation of a complex with a corepressor protein of the Groucho/TLE family. Interacts with HES1.,

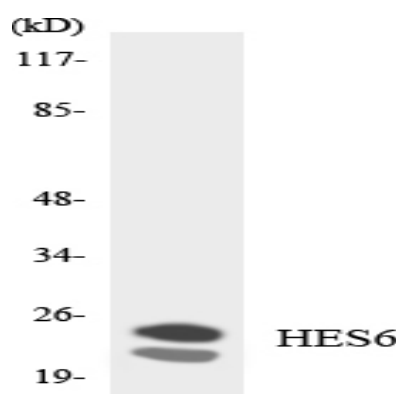
研究领域 (Research Area)

图片 (Image Data)

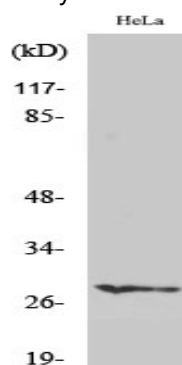


Western blot analysis of lysates from HeLa cells, using HES6 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from 293 cells using HES6 antibody.



Western Blot analysis of various cells using HES-6 Polyclonal Antibody diluted at 1: 1000 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 .