

产品名称: NAB2 Rabbit Polyclonal Antibody
产品货号: APRab14386



产品概述 (Summary)

产品名称 (Production Name)	NAB2 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)	NAB2
别名 (Alternative Names)	NAB2; MADER; NGFI-A-binding protein 2; EGR-1-binding protein 2; Melanoma-associated delayed early response protein; Protein MADER
基因 ID (Gene ID)	4665.0
蛋白 ID (SwissProt ID)	Q15742.The antiserum was produced against synthesized peptide derived from human NAB2. AA range:261-310

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)	56kDa

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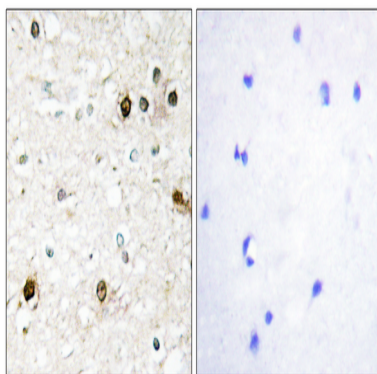
研究背景 (Background)

This gene encodes a member of the family of NGFI-A binding (NAB) proteins, which function in the nucleus to repress transcription induced by some members of the EGR (early growth response) family of transactivators. NAB proteins can homo- or hetero-multimerize with other EGR or NAB proteins through a conserved N-terminal domain, and repress transcription through two partially redundant C-terminal domains. Transcriptional repression by the encoded protein is mediated in part by interactions with the nucleosome remodeling and deacetylase (NuRD) complex. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008],domain:The NAB conserved domain 1 (NCD1) interacts with EGR1 inhibitory domain and mediates multimerization.,domain:The NAB conserved domain 2 (NCD2) is necessary for transcriptional repression.,function:Acts as a transcriptional repressor for zinc finger transcription factors EGR1 and EGR2. Isoform 2 lacks repression ability.,induction:By serum and PMA stimulation.,similarity:Belongs to the NAB family.,subcellular location:Isoform 2 is not localized to the nucleus.,subunit:Homomultimers may associate with EGR1 bound to DNA.,tissue specificity:Widely expressed at low levels. Highly expressed in melanoma cell lines.,

研究领域 (Research Area)

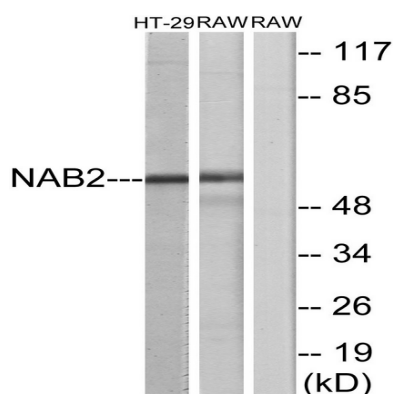
Epigenetics and Nuclear Signaling; Transcription; Co-factors; Neuroscience; Neurology process; Neurogenesis

图片 (Image Data)

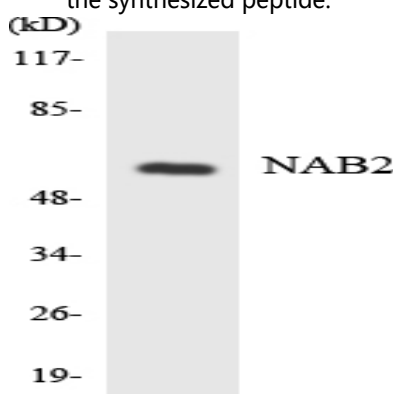


Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NAB2 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HT-29 and RAW264.7 cells, using NAB2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using NAB2 antibody.



Western Blot analysis of various cells using NAB2 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 .