

产品名称: BAF250b Rabbit Polyclonal Antibody
产品货号: APRab07430



产品概述 (Summary)

产品名称 (Production Name)	BAF250b 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

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)	ARID1B ARID1B; BAF250B; DAN15; KIAA1235; OSA2; AT-rich interactive domain-containing protein 1B; ARID domain-containing protein 1B; BRG1-associated factor 250b; BAF250B; BRG1-binding protein hELD/OSA1; Osa homolog 2; hOsa2; p250R
别名 (Alternative Names)	
基因 ID (Gene ID)	57492.0
蛋白 ID (SwissProt ID)	Q8NFD5.The antiserum was produced against synthesized peptide derived from human BAF250B. AA range:1371-1420

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
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蛋白分子量 (Molecular Weight) 170kDa

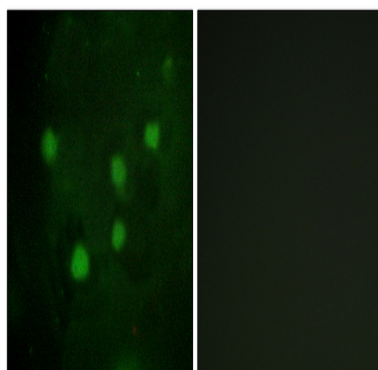
研究背景 (Background)

This locus encodes an AT-rich DNA interacting domain-containing protein. The encoded protein is a component of the SWI/SNF chromatin remodeling complex and may play a role in cell-cycle activation. The protein encoded by this locus is similar to AT-rich interactive domain-containing protein 1A. These two proteins function as alternative, mutually exclusive ARID-subunits of the SWI/SNF complex. The associated complexes play opposing roles. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Feb 2012], caution: It is uncertain whether Met-1 or Met-59 is the initiator., function: Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Binds DNA non-specifically., similarity: Contains 1 ARID domain., subunit: Component of SWI/SNF chromatin remodeling complexes, in some of which it can be mutually exclusive with ARID1A/BAF250A. Component of the BAF (SWI/SNF-A) complex, which includes at least actin (ACTB), ARID1A, ARID1B/BAF250, SMARCA2, SMARCA4/BRG1, ACTL6A/BAF53, ACTL6B/BAF53B, SMARCE1/BAF57, SMARCC1/BAF155, SMARCC2/BAF170, SMARCB1/SNF5/INI1, and one or more of SMARCD1/BAF60A, SMARCD2/BAF60B, or SMARCD3/BAF60C. In muscle cells, the BAF complex also contains DPF3. Component of the SWI/SNF-B (PBAF) complex, at least composed of SMARCA4/BRG1, SMARCB1/BAF47, ACTL6A/BAF53A or ACTL6B/BAF53B, SMARCE1/BAF57, SMARCD1/BAF60A, SMARCD2/BAF60B, perhaps SMARCD3/BAF60C, SMARCC1/BAF155, SMARCC2/BAF170, PB1/BAF180, ARID2/BAF200, ARID1A/BAF250A or ARID1B/BAF250B and actin. Component of a SWI/SNF-like EPAFb complex, at least composed of SMARCA4/BRG1, SMARCB1/BAF47, ACTL6A/BAF53A, SMARCE1/BAF57, SMARCD1/BAF60A, SMARCD2/BAF60B, SMARCC1/BAF155, SMARCC2/BAF170, ARID1B/BAF250B, MLLT1/ENL and actin. Component of a SWI/SNF-like complex containing ARID1A/BAF250A and ARID1B/BAF250B. Interacts through its C-terminus with SMARCA2/BRM and SMARCA4/BRG1. Interacts with SMARCC1/BAF155., tissue specificity: Widely expressed with high levels in heart, skeletal muscle and kidney.,

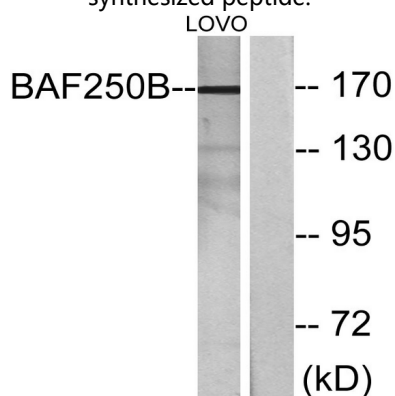
研究领域 (Research Area)

图片 (Image Data)

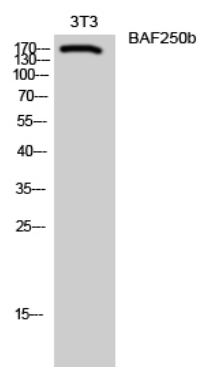
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Immunofluorescence analysis of HUVEC cells, using BAF250B Antibody. The picture on the right is blocked with the synthesized peptide.

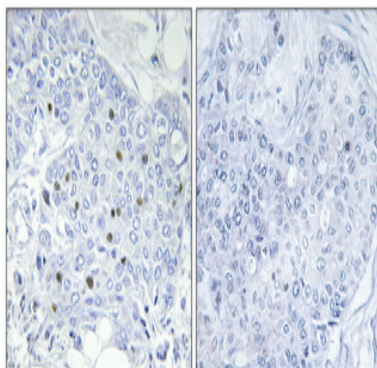


Western blot analysis of lysates from LOVO cells, using BAF250B Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using BAF250b Polyclonal Antibody diluted at 1: 1000

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Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) .
High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from
antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .