



BAF250b Monoclonal Antibody

Catalog No	YP-mAb-01562
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ARID1B
Immunogen	The antiserum was produced against synthesized peptide derived from human BAF250B. AA range:1371-1420
Specificity	BAF250b Monoclonal Antibody detects endogenous levels of BAF250b protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	6A3 5;ARID 1B;ARID domain containing protein 1B;AT rich interactive domain 1B (SWI1 like);AT rich interactive domain 1B;AT rich interactive domain containing protein 1B;BAF 250b;BAF-associated factor;250-KD;B;BAF250b;BRG1 associated factor 250b;BRG1 binding protein;BRG1 binding protein ELD/OSA1;BRG1 binding protein hELD/OSA1;BRIGHT;DAN 15;DAN15;Eld (eyelid)/Osa protein;ELD/OSA1;hELD/OSA1;hOsa 2;hOsa2;KIAA1235;MRD12;OSA 2;Osa homolog 2;OSA2;OTTHUMP00000040115;p250R;RP11 419L10.1;ARID1B;AT-rich interactive domain-containing protein 1B;ARID domain-containing protein 1B;BRG1-associated factor 250b;BRG1-binding protein hELD/OSA1
Observed Band	170kD
Calculated Molecular Weight	170kD
Cell Pathway	Nucleus .
Tissue Specificity	Widely expressed with high levels in heart, skeletal muscle and kidney.
Function	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,

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],

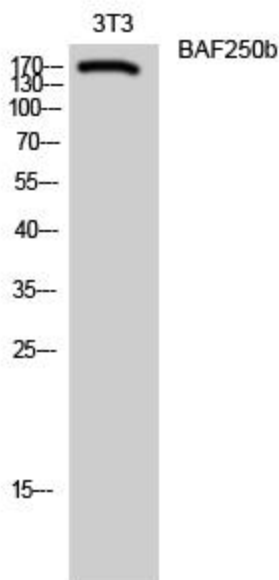
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using BAF250b Monoclonal Antibody