



BAF250b Polyclonal Antibody

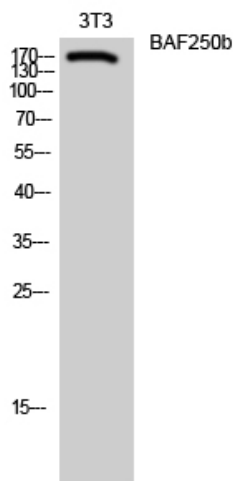
Catalog No	YP-Ab-01562
Isotype	IgG
Reactivity	Human;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	ARID1B
Immunogen	The antiserum was produced against synthesized peptide derived from human BAF250B. AA range:1371-1420
Specificity	BAF250b Polyclonal Antibody detects endogenous levels of BAF250b protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
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.



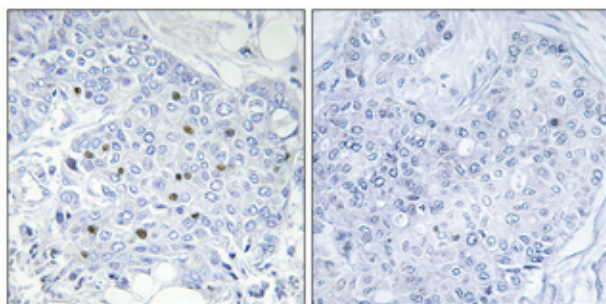
Function	caution:It is uncertain whether Met-1 or Met-59 is the initiator.,function:Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Binds DNA non-specifically.,similarity:Contains 1 ARID domain.,subunit:Component of 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.



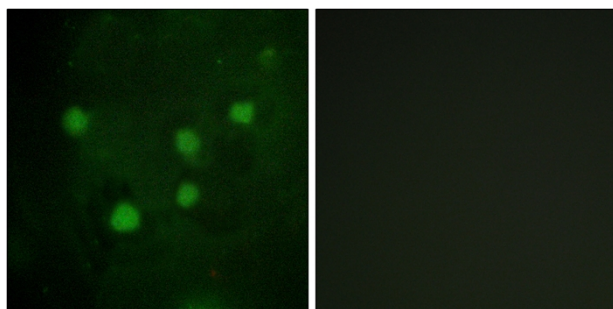
Products Images



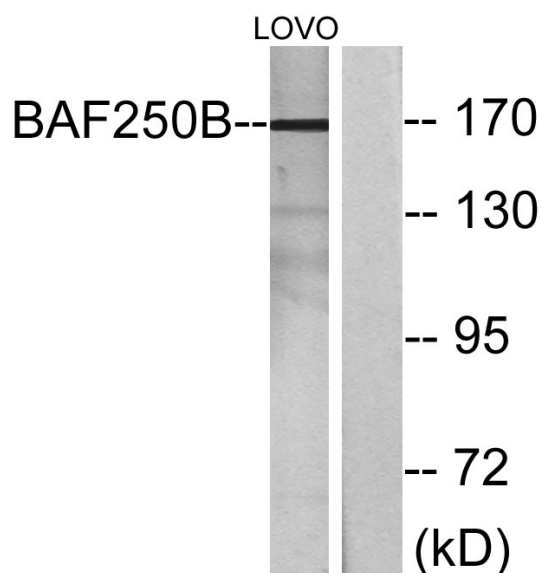
Western Blot analysis of 3T3 cells using BAF250b
Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded
Human breast cancer. Antibody was diluted at 1:100 (4°
overnight). High-pressure and temperature
Tris-EDTA, pH 8.0 was used for antigen retrieval.
Negative control (right) obtained from antibody was
pre-absorbed by immunogen peptide.



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.