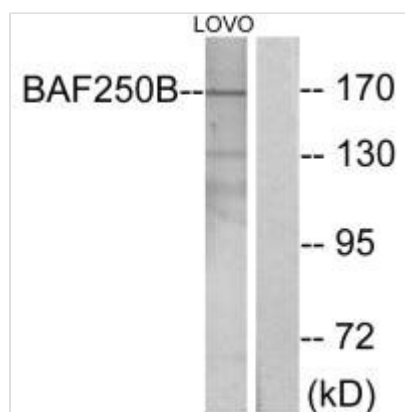


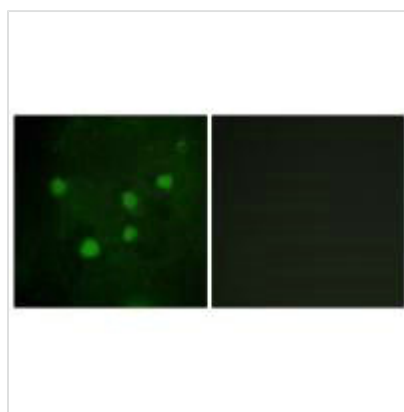


ARID1B Antibody

Product Code	CSB-PA210417
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8NFD5
Immunogen	Synthesized peptide derived from interal of Human BAF250B.
Raised In	Rabbit
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous levels of total BAF250B protein.
Tested Applications	ELISA,WB,IF;WB:1:500-1:3000,IF:1:100-1:500
Relevance	Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth By similarity. Binds DNA non-specifically. Mungall A.J., Nature 425:805-811(2003). Mangel L., J. Biol. Chem. 273:30466-30471(1998). Imbert G., Nat. Genet. 14:285-291(1996).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	ARID domain-containing protein 1B; Osa homolog 2; hOsa2; p250R; BRG1-binding protein hELD/OSA1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	ARID1B
Image	



Western blot analysis of extracts from LOVO cells, using BAF250B antibody.



Immunofluorescence analysis of HUVEC cells, using BAF250B antibody.