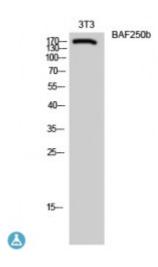


Anti-BAF250b antibody



Description Rabbit polyclonal to BAF250b.

Model STJ91803

Host Rabbit

Reactivity Human, Rat

Applications ELISA, IF, IHC, WB

Immunogen Synthesized peptide derived from human BAF250b

Immunogen Region 1340-1420 aa, Internal

Gene ID 57492

Gene Symbol ARID1B

Dilution range WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000

Specificity BAF250b Polyclonal Antibody detects endogenous levels of BAF250b

protein.

Tissue Specificity Widely expressed with high levels in heart, skeletal muscle and kidney.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name 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

Molecular Weight 170 kDa

Clonality Polyclonal

Unconjugated Conjugation

IgG Isotype

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. **Formulation**

Concentration 1 mg/ml

Store at -20°C, and avoid repeat freeze-thaw cycles. **Storage Instruction**

HGNC:18040OMIM:135900 **Database Links**

Alternative Names 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

Function 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. Binds DNA

non-specifically.

Cellular Localization Nucleus

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