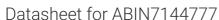
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anti-ARID1A antibody (AA 655-816) (FITC)



Go to Product page

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Quantity:	100 μg
Target:	ARID1A
Binding Specificity:	AA 655-816
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARID1A antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human AT-rich interactive domain-containing protein 1A protein (655-816AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ARID1A
Alternative Name:	ARID1A (ARID1A Products)
Background:	Background: Involved in transcriptional activation and repression of select genes by chromatin
	remodeling (alteration of DNA-nucleosome topology). Binds DNA non-specifically. 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).

Aliases: actin-dependent regulator of chromatin subfamily F member 1 antibody, ARID domain-containing protein 1A antibody, ARID domain-containing protein 1A antibody, ARID1A antibody, AT rich interactive domain 1A (SWI like) antibody, AT rich interactive domain 1A (SWI like) antibody, AT rich interactive domain 1A antibody, AT rich interactive domain containing protein 1A antibody, AT-rich interactive domain-containing protein 1A antibody, B120 antibody, BAF250 antibody, BAF250 antibody, BAF250 antibody, BRG1 associated factor 250 antibody, BRG1 associated factor 250 antibody, BRG1-associated factor 250 antibody, BRG1-associated factor 250 antibody, C10RF4 antibody, chromatin remodeling factor p250 antibody, chromosome 1 open reading frame 4 antibody, ELD antibody, hELD antibody, hOSA1 antibody, matrix-associated antibody, MRD14 antibody, Osa homolog 1 antibody, OSA1 antibody, OSA1 nuclear protein antibody, P270 antibody, SMARCF1 antibody, SWI like protein antibody, SWI SNF complex protein p270 antibody, SWI-like protein antibody, SWI/SNF complex protein p270 antibody, SWI-SNF related, matrix associated, actin dependent regulator of chromatin, subfamily f, member 1 antibody, SWI/SNF-related antibody

UniProt: 014497

Pathways: Intracellular Steroid Hormone Receptor Signaling Pathway, Tube Formation

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Handling

Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.