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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58323_P050-FITC
Product Page	www.avivasysbio.com/smarcd3-antibody-c-terminal-region-fitc-arp58323-p050-fitc.html
Name	Smarcd3 Antibody - C-terminal region : FITC (ARP58323_P050-FITC)
Protein Size (# AA)	483 amino acids
Molecular Weight	55kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	66993
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3
Alias Symbols	BAF60, BAF60C, 1500001J14Rik, 2210409C08Rik
Peptide Sequence	Synthetic peptide located within the following region: DLKVMITDVAGNPEEERRAEFYHQWWSQEAVSRYFYCKIQRRQLEQSLV
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Smarcd3 plays a role in ATP dependent nucleosome remodeling by SMARCA4 containing complexes. It stimulates nuclear receptor mediated transcription. It 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.
Protein Interactions	Ikzf1; Smad4; Smad1; Gata4; Smarca2; Smarca4; Rbpj; Notch1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-Smarcd3 (ARP58323_P050-FITC) antibody
Blocking Peptide	For anti-Smarcd3 (ARP58323_P050-FITC) antibody is Catalog# AAPP32933
Uniprot ID	Q6P9Z1
Protein Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3
Protein Accession #	NP_080167
Purification	Affinity Purified
Nucleotide Accession #	NM_025891
Gene Symbol	Smarcd3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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