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Datasheet for ABIN7171079

anti-SMARCD3 antibody (AA 2-101)

1 Image

Overview

Quantity:	100 µg
Target:	SMARCD3
Binding Specificity:	AA 2-101
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCD3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3 protein (2-101AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	SMARCD3
Alternative Name:	SMARCD3 (SMARCD3 Products)
Background:	Background: Plays a role in ATP dependent nucleosome remodeling by SMARCA4 containing

Target Details

complexes. Stimulates nuclear receptor mediated transcription. 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: 60 kDa BRG 1/Brm associated factor subunit C antibody, 60 kDa BRG-1/Brm-associated factor subunit C antibody, BAF60C antibody, BRG1 associated factor 60C antibody, BRG1-associated factor 60C antibody, Chromatin remodeling complex BAF60C subunit antibody, CRACD3 antibody, Mammalian chromatin remodeling complex BRG1 associated factor 60C antibody, MGC111010 antibody, Rsc6p antibody, Smarcd3 antibody, SMRD3_HUMAN antibody, SWI/SNF complex 60 kDa subunit C antibody, SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily d member 3 antibody, SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3, isoform 1 antibody, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3 antibody, Swp73 like protein antibody

UniProt: [Q6STE5](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300

Handling

Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

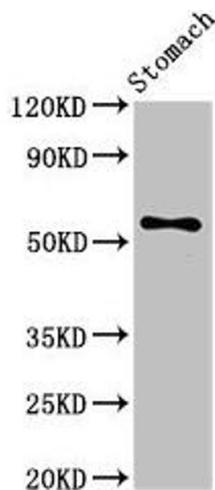
Preservative: ProClin

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.

Images



Western Blotting

Image 1. Western Blot Positive WB detected in: Mouse stomach tissue All lanes: SMARCD3 antibody at 3.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 56, 54 kDa Observed band size: 56 kDa