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Datasheet for ABIN7452911
anti-SMARCD1 antibody (AA 250-300)

Overview

Quantity:	100 µg
Target:	SMARCD1
Binding Specificity:	AA 250-300
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCD1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-SMARCD1/BAF60a Antibody, Affinity Purified
Immunogen:	between AA 250 and 300
Isotype:	IgG
Predicted Reactivity:	Bovine
Purification:	Affinity Purified

Target Details

Target:	SMARCD1
Alternative Name:	SMARCD1/BAF60a (SMARCD1 Products)
Background:	Background: The SMARCs (SWI/SNF-related, matrix-associated, actin-dependent regulators of

Target Details

chromatin), and BAFs (BRG1-associated factors), have been identified as components of the mammalian SWI/SNF-like chromatin-remodeling protein complexes. These multi-protein complexes are proposed to function as ATP-driven motors that translocate along DNA and destabilize nucleosomal structures to facilitate transcription factor binding. SMARCD1/BAF60a is subunit of the SWI/SNF complex that has been identified as a factor that interacts with nuclear receptors such as the vitamin D receptor and glucocorticoid receptor and a subset of Fos/Jun dimers. SMARCD1 has also been shown to interact with p53 and is suggested to be involved in the tumor suppressor activity of p53. From these findings it has been concluded that SMARCD1 functions as a direct link between transcription factors and SWI/SNF remodeling activity to regulate transcription.

Gene ID: 6602

NCBI Accession: [NP_003067](#)

UniProt: [Q96GM5](#)

Application Details

Application Notes: IP: Not recommended. Use rabbit anti-SMARCD1/BAF60a antibody ABIN7452435.
WB: 1:500 - 1:2,500

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months