

[Go to Product page](#)

Datasheet for ABIN1402957 **anti-SMARCD3 antibody (Biotin)**

Overview

Quantity:	100 µL
Target:	SMARCD3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCD3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SMARCD3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SMARCD3
Alternative Name:	SMARCD3 (SMARCD3 Products)
Background:	Synonyms: 60 kDa BRG 1/Brm associated factor subunit C, 60 kDa BRG-1/Brm-associated factor subunit C, BAF60C, BRG1 associated factor 60C, BRG1-associated factor 60C, CRACD3, MGC111010, Rsc6p, Smarcd3, SMRD3_HUMAN, SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily d member 3, SWI/SNF-related matrix-associated

Target Details

actin-dependent regulator of chromatin subfamily D member 3.

Background: SMARCD3, is a member of the SMARCD family and contains one SWIB domain.

Two isoforms, isoform 1 and isoform 2 exist due to alternative splicing events. Both isoforms are expressed in placenta, salivary gland, kidney, brain, trachea, uterus, prostate, testis, thyroid, spleen and heart, while isoform 1 is also expressed in adipose tissue and skeletal muscle.

Localizing to the nucleus, SMARCD3 is a component of the ATP-dependent chromatin remodeling complex SNF/SWI and is believed to play a role in nucleosome remodeling.

SMARCD3 also plays an important role in the regulation of muscle development. In mice, the silencing of the gene en-coding SMARCD3 leads to defects in heart morphogenesis. In addition, both isoforms of SMARCD3 directly interact with and function as coactivators for several transcription factors.

Gene ID: 6604

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

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months