

Datasheet for ABIN343708  
**anti-SMARCA4 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.1 mg
Target:	SMARCA4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SMARCA4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Bacterially produced GST-fused protein representing 242 C-terminal amino acids of human Brg1.
Clone:	BRG-01
Isotype:	IgG2a
Specificity:	The antibody BRG-01 recognizes an epitope within C-terminal part of human Brg1, a 205 kDa catalytic subunit of SWI2/SNF2-family chromatin-remodeling complexes.
Cross-Reactivity (Details):	Human, Other not determined
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

## Target Details

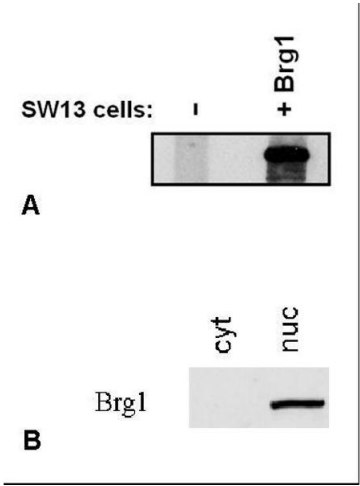
Target:	SMARCA4
Alternative Name:	Brg1 ( <a href="#">SMARCA4 Products</a> )
Background:	SWI/SNF related, matrix associated, actin dependen,Brg1 (Brahma-related gene 1) is an ATPase subunit of SWI2/SNF2-like chromatin-remodeling complexes that enable access of regulatory and effector proteins in transcription, DNA repair and DNA replication. Although Brg1-containing complexes are not essential for general cell survival, they participate in transcriptional regulation of several hundred genes including those involved in interferon and stress response, immune cells differentiation, neurogenesis, cell cycle etc. and is absolutely necessary for mouse embryogenesis. Brg1 is also involved in cell growth arrest, senescence and tumour supression.,CSS4, SMARCA4, SNF2, SWI2, MRD16, RTPS2, BAF190, SNF2L4, SNF2LB
Gene ID:	6597
UniProt:	<a href="#">P51532</a>
Pathways:	<a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Stem Cell Maintenance</a>

## Application Details

Application Notes:	Western blotting: Recommended dilution: 10 µg/mL, positive control: HEK293 cells.
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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.
Handling Advice:	<b>Do not freeze.</b>
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Western Blotting

**Image 1.** Immunostaining of Brg1 by BRG-01 antibody. A - Brg1-negative SW13 cells were transfected with Brg1-expression plasmid and analysed by Western blotting for Brg1 expression. B - HEK293 cytoplasmic (cyt) and nuclear (nuc) lysates were analysed by Western blotting for Brg1 presence.