



[Go to Product page](#)

Datasheet for ABIN7308346  
**anti-SMARCA4 antibody**

3 Images

### Overview

Quantity:	100 µL
Target:	SMARCA4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunochromatography (IC)

### Product Details

Purpose:	Rabbit polyclonal antibody to BRG1
Immunogen:	KLH-conjugated synthetic peptide of human BRG1
Specificity:	Recognizes endogenous levels of BRG1 protein.
Characteristics:	Rabbit polyclonal antibody to BRG1
Purification:	The antibody was purified by immunogen affinity chromatography.

### Target Details

Target:	SMARCA4
Alternative Name:	BRG1 ( <a href="#">SMARCA4 Products</a> )
Background:	BAF190A, BRG1, SNF2B, SNF2L4, Transcription activator BRG1, ATP-dependent helicase

## Target Details

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SMARCA4, BRG1-associated factor 190A, BAF190A, Mitotic growth and transcription activator, Protein BRG-1, Protein brahma homolog 1, SNF2-beta, SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 4

Gene ID: 6597, 20586

UniProt: [P51532](#), [Q3TKT4](#), [Q8K1P7](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Stem Cell Maintenance](#)

## Application Details

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Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200), IP (1:20 - 1:50)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

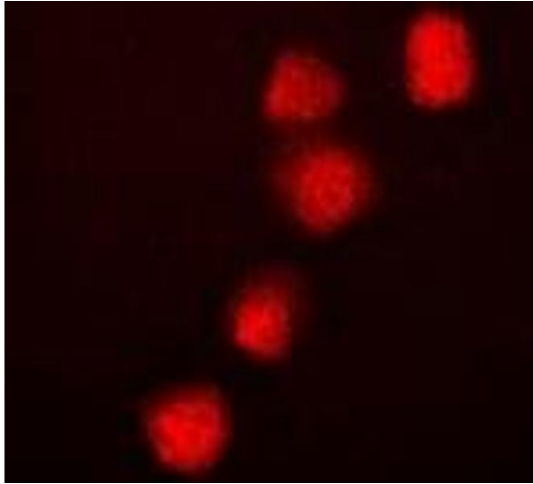
Preservative: Sodium azide

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

Storage: -20 °C

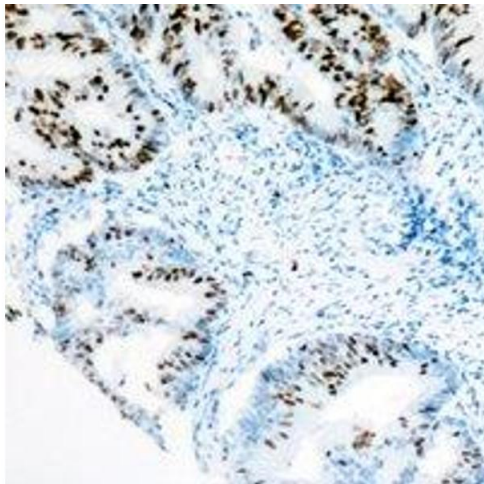
Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Expiry Date: 12 months



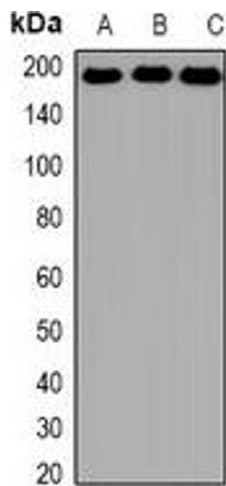
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of BRG1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i



### Immunohistochemistry

**Image 2.**



### Western Blotting

**Image 3.** Western blot analysis of BRG1 expression in HeLa (A), K562 (B), NIH3T3 (C) whole cell lysates.