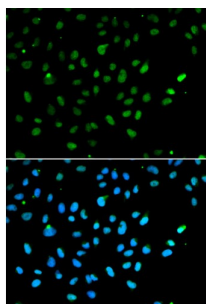


## Transcription Activator BRG1 (SMARCA4) Antibody

Catalogue No.: abx001729



Immunofluorescence analysis of A549 cells using SMARCA4 Antibody

SMARCA4 Antibody is a Rabbit Polyclonal antibody against SMARCA4. The protein encoded by this gene is a member of the SWI/SNF family of proteins and is similar to the brahma protein of Drosophila. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. In addition, this protein can bind BRCA1, as well as regulate the expression of the tumorigenic protein CD44. Mutations in this gene cause rhabdoid tumor predisposition syndrome type 2. Multiple transcript variants encoding different isoforms have been found for this gene.

<b>Target:</b>	Transcription Activator BRG1 (SMARCA4)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	IF/ICC
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	A synthetic peptide corresponding to human SMARCA4
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P51532 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )

# Datasheet

Version: 5.0.0  
Revision date: 06 Mar 2025



**Gene Symbol:** SMARCA4

**GeneID:** [6597](#)

**OMIM:** [603254](#)

**NCBI Accession:** NP\_003063.2

**HGNC:** 11100

**KEGG:** hsa:6597

**Ensembl:** ENSG00000127616

**String:** [9606.ENSP00000395654](#)

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.