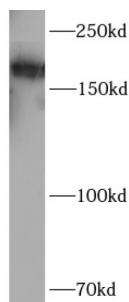
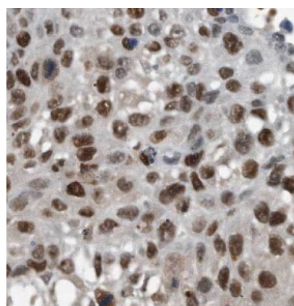


Transcription Activator BRG1 (BRG1) Antibody

Catalogue No.: abx020073



WB analysis of HeLa cells, using SMARCA4 antibody (1/1000 dilution).



IHC-P analysis of human lung cancer tissue, using SMARCA4 antibody (1/100 dilution).

Transcription Activator BRG1 (BRG1) Antibody is a Rabbit Polyclonal antibody for the detection of SMARCA4.

SMARCA4, also named as BAF190A, BRG1, SNF2B and SNF2L4, belongs to the SNF2/RAD54 helicase family. SMARCA4 is a transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. It is a component of the CREST-BRG1 complex, a multiprotein complex that regulates promoter activation by orchestrating a calcium-dependent release of a repressor complex and a recruitment of an activator complex. It is also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.

Target: Transcription Activator BRG1 (BRG1)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4

Datasheet

Version: 3.0.0
Revision date: 05 Sep 2025



Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P51532 (UniProt , ExPASy)
Gene Symbol:	SMARCA4
GeneID:	6597
OMIM:	603254
HGNC:	11100
KEGG:	hsa:6597
Ensembl:	ENSG00000127616
String:	9606.ENSP00000395654
Molecular Weight:	Observed MW: 185 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 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.