

Datasheet for ABIN7119630
anti-SMARCA4 antibody



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Overview

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

Product Details

Immunogen:	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SMARCA4
Alternative Name:	SMARCA4 (SMARCA4 Products)
Background:	Synonyms: ATP dependent helicase SMARCA4, BAF190, BAF190A, BRG1, BRG1 associated factor 190A, FLJ39786, hSNF2b, Protein brahma homolog 1, Protein BRG 1, SMARCA4, SNF2,

Target Details

SNF2 BETA, SNF2B, SNF2L4, SNF2LB, SWI2, Transcription activator BRG1

Background: 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.

Molecular Weight:	185 kDa
Gene ID:	6597
UniProt:	P51532
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Stem Cell Maintenance

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:2000, IHC: 1:50-1:200, IF: 1:10-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months