

Product datasheet

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ARG63519 anti-BAF57 / SMARCE1 antibody

Package: 100 μg Store at: -20°C

Summary

Product Description Goat Polyclonal antibody recognizes BAF57 / SMARCE1

Tested Reactivity Hu
Predict Reactivity Ms

Tested Application IHC-P, WB

Host Goat

Clonality Polyclonal

Isotype IgG

Target Name BAF57 / SMARCE1

Species Human

ImmunogenC-PPTDPIPEDEKKEConjugationUn-conjugated

Alternate Names SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1;

BRG1-associated factor 57; BAF57

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 μg/ml
	WB	0.2 - 0.6 μg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Purified from goat serum by antigen affinity chromatography.

Buffer Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.

Preservative 0.02% Sodium azide

Stabilizer 0.5% BSA

Concentration 0.5 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Bioinformation

Database links <u>GeneID: 6605 Human</u>

Swiss-port # Q969G3 Human

Background The protein encoded by this gene is part of the large ATP-dependent chromatin remodeling complex

SWI/SNF, which is required for transcriptional activation of genes normally repressed by chromatin. The encoded protein, either alone or when in the SWI/SNF complex, can bind to 4-way junction DNA, which is thought to mimic the topology of DNA as it enters or exits the nucleosome. The protein contains a DNA-binding HMG domain, but disruption of this domain does not abolish the DNA-binding or nucleosome-displacement activities of the SWI/SNF complex. Unlike most of the SWI/SNF complex

proteins, this protein has no yeast counterpart. [provided by RefSeq, Jul 2008]

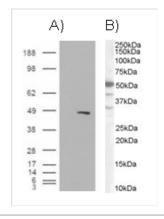
Research Area Gene Regulation antibody

Calculated Mw 47 kDa

PTM Ubiquitinated by TRIP12, leading to its degradation by the proteasome. Ubiquitination is prevented

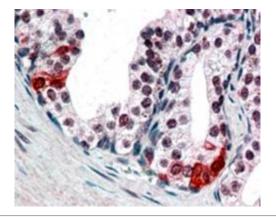
upon interaction between TRIP12 and SMARCC1.

Images



ARG63519 anti-BAF57 / SMARCE1 antibody WB image

Western Blot: A) 1). Mock transfection; 2) BAF57 (RC209444) overexpressing HEK293 cell lysate standed with ARG63519 anti-BAF57 / SMARCE1 antibody



ARG63519 anti-BAF57 / SMARCE1 antibody IHC-P image

Immunohistochemistry: In paraffin embedded Human Prostate shows nuclear staining in secretory epithelial cells stained with ARG63519 anti-BAF57 / SMARCE1 antibody Recommended concentration, $3-5\mu g/ml$.