

Datasheet for ABIN1936487  
**anti-SMARCA4 antibody (AA 50-100)**



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## Overview

|                      |                                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                                                                  |
| Target:              | SMARCA4                                                                                                                                                                                                 |
| Binding Specificity: | AA 50-100                                                                                                                                                                                               |
| Reactivity:          | Human, Mouse, Dog, Horse, Rabbit                                                                                                                                                                        |
| Host:                | Goat                                                                                                                                                                                                    |
| Clonality:           | Polyclonal                                                                                                                                                                                              |
| Conjugate:           | This SMARCA4 antibody is un-conjugated                                                                                                                                                                  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Proximity Ligation Assay (PLA) |

## Product Details

|               |                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------|
| Isotype:      | IgG                                                                                                                              |
| Specificity:  | Region between residue 50 and 100 of human BRM/SWI2-related Gene 1 using the numbering given in entry NP_003063.2 (GeneID 6597). |
| Purification: | Immunoaffinity purified                                                                                                          |

## Target Details

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Target:           | SMARCA4                                             |
| Alternative Name: | SMARCA4 / BRG1 ( <a href="#">SMARCA4 Products</a> ) |
| Background:       | Name/Gene ID: SMARCA4                               |

## Target Details

Synonyms: SMARCA4, ATP-dependent helicase SMARCA4, BAF190, BRG1-associated factor 190A, Brahma protein-like 1, BRG1, BRM/SWI2-related gene 1, HSNF2b, MRD16, Protein BRG-1, SNF2-like 4, SNF2LB, SNF2-BETA, SNF2B, SWI2, Nuclear protein GRB1, SNF2, SNF2L4, Transcription activator BRG1, Homeotic gene regulator, Protein brahma homolog 1, RTPS2, Sucrose nonfermenting-like 4

|           |                                                                                                                                                                                                   |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID:  | 6597                                                                                                                                                                                              |
| Pathways: | <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Stem Cell Maintenance</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: IF (1:250 - 1:1000), IHC, IHC-P (1:500 - 1:2000), IP (2 - 10 µg/mg lysate), PLA (1:1000 - 1:10000), WB (1:1000 - 1:5000)<br><br>Usage: Immunohistochemistry: Antigen retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. Human controls: Breast Carcinoma, Colon Carcinoma, Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma. |
| Comment:           | Target Species of Antibody: Human                                                                                                                                                                                                                                                                                                                                                                                |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                                                            |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | Tris-citrate/phosphate buffer, pH 7-8, 0.09 % 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:           | 4 °C                                                                                                                   |
| Storage Comment:   | Store at 2-8°C for up to 1 year.                                                                                       |
| Expiry Date:       | 12 months                                                                                                              |