

## Rabbit anti-Human, mouse SMARCB1 Polyclonal Antibody | anti-SMARCB1 antibody

SMARCB1 Antibody (N-term)

|                               |                       |                                   |                                            |
|-------------------------------|-----------------------|-----------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA290360</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, mouse</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

SMARCB1; Polyclonal Antibody; SMARCB1 Antibody (N-term); SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1; BRG1-associated factor 47; BAF47; Integrase interactor 1 protein; SNF5 homolog; hSNF5; INI1; SNF5L1; anti-SMARCB1 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                       |
| Reactivity                                        | Human, mouse                                                                                                                                                                 |
| Clonality                                         | Polyclonal                                                                                                                                                                   |
| Isotype                                           | Rabbit Ig                                                                                                                                                                    |
| Specificity                                       | This SMARCB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-81 amino acids from the N-terminal region of human SMARCB1.     |
| Purity/Purification                               | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                       | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                     | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                                | 52-81                                                                                                                                                                        |
| Sequence Length                                   | 376                                                                                                                                                                          |
| Applicable Applications for anti-SMARCB1 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Type                                      | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                    | HUMAN                                                                                                                                                                        |
| Preparation and Storage                           | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

### IMAGES



#### WB (Western Blot)

SMARCB1 Antibody (N-term) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the SMARCB1 antibody detected the SMARCB1 protein (arrow).



#### WB (Western Blot)

SMARCB1 Antibody (N-term) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the SMARCB1 antibody detected the SMARCB1 protein (arrow).

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SMARCB1 antibody | The protein encoded by this gene is part of a complex that relieves repressive chromatin structures, allowing the transcriptional machinery to access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor, and mutations in it have been associated with malignant rhabdoid tumors. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]. |
| Product Categories/Family for anti-SMARCB1 antibody   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| References                                            | Bakshi, R., et al. J. Cell. Physiol. 225(2):569-576(2010)<br>Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)<br>Hadfield, K.D., et al. J. Med. Genet. 47(8):567-568(2010)<br>Kohashi, K., et al. Mod. Pathol. 23(7):981-990(2010)<br>Kleinschmidt-DeMasters, B.K., et al. Am. J. Surg. Pathol. 34(3):341-354(2010)                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 55956801                                                                                                |
| NCBI GeneID                      | 6598                                                                                                    |
| NCBI Accession #                 | NP_001007469.1; NP_003064.2                                                                             |
| NCBI GenBank Nucleotide #        | NM_001007468.1                                                                                          |
| UniProt Accession #              | Q12824; O75784; O95474; Q17S11; Q38GA1; Q76N08; Q9UBH2; AAB34227                                        |
| Molecular Weight                 | 44141                                                                                                   |
| NCBI Official Full Name          | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1 isoform b |
| NCBI Official Synonym Full Names | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1       |
| NCBI Official Symbol             | SMARCB1                                                                                                 |
| NCBI Official Synonym Symbols    | RDT; INI1; SNF5; Snr1; BAF47; MRD15; RTPS1; Sfh1p; hSNFS; SNF5L1; SWNTS1; PPP1R144                      |
| NCBI Protein Information         | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1           |
| UniProt Protein Name             | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1           |
| UniProt Gene Name                | SMARCB1                                                                                                 |
| UniProt Synonym Gene Names       | BAF47; INI1; SNF5L1; BAF47; hSNF5                                                                       |
| UniProt Entry Name               | SNF5_HUMAN                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.