

## Rabbit anti-Human, Mouse SMARCA5 Polyclonal Antibody | anti-SMARCA5 antibody

SMARCA5 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY      | APPLICATIONS                                                                                                                    |
|-----------|--------|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| AAA37510  | Rabbit | Human,<br>Mouse | Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

SMARCA5; Polyclonal Antibody; SMARCA5 Polyclonal Antibody; ISWI; SNF2H; hISWI; hSNF2H; WCRF135; anti-SMARCA5 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                |
| Reactivity                                        | Human, Mouse                                                                                                                                          |
| Clonality                                         | Polyclonal                                                                                                                                            |
| Isotype                                           | IgG                                                                                                                                                   |
| Purity/Purification                               | Affinity Purification                                                                                                                                 |
| Concentration                                     | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                   | 1052                                                                                                                                                  |
| Applicable Applications for anti-SMARCA5 antibody | ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                |
| Species                                           | Human                                                                                                                                                 |
| Immunogen                                         | Recombinant Protein                                                                                                                                   |
| Immunogen                                         | Recombinant protein of human SMARCA5                                                                                                                  |
| Calculated Molecular Weight                       | 122kDa                                                                                                                                                |
| Preparation and Storage                           | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SMARCA5 antibody. Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SMARCA5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 2min.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SMARCA5 antibody | The protein encoded by this gene is a member of the SWI/SNF family of proteins. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The protein encoded by this gene is a component of the chromatin remodeling and spacing factor RSF, a facilitator of the transcription of class II genes by RNA polymerase II. The encoded protein is similar in sequence to the Drosophila ISWI chromatin remodeling protein. |
| Product Categories/Family for anti-SMARCA5 antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 57014128                                                                                                                                                                                                                                          |
| NCBI GeneID                      | 8467                                                                                                                                                                                                                                              |
| UniProt Accession #              | O60264                                                                                                                                                                                                                                            |
| Molecular Weight                 | 1052                                                                                                                                                                                                                                              |
| NCBI Official Full Name          | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5                                                                                                                                                     |
| NCBI Official Synonym Full Names | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5                                                                                                                                                 |
| NCBI Official Symbol             | SMARCA5                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | ISWI; SNF2H; hISWI; hSNF2H; WCRF135                                                                                                                                                                                                               |
| NCBI Protein Information         | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5; sucrose nonfermenting-like 5; sucrose nonfermenting protein 2 homolog; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5 |
| UniProt Protein Name             | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5                                                                                                                                                     |
| UniProt Gene Name                | SMARCA5                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | SNF2H; WCRF135; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5; hSNF2H                                                                                                                                               |
| UniProt Entry Name               | SMCA5_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.

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