

# SMARCD2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57716

## Product Information

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|-------------------|--------------------------|
| Application       | IHC-P, IHC-F, IF, ICC, E |
| Primary Accession | <a href="#">Q92925</a>   |
| Reactivity        | Rat, Pig, Dog, Bovine    |
| Host              | Rabbit                   |
| Clonality         | Polyclonal               |
| Calculated MW     | 58921                    |

## Additional Information

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| Gene ID     | 6603                                                                                                                                                                                             |
| Other Names | SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2, 60 kDa BRG-1/Brm-associated factor subunit B, BRG1-associated factor 60B, BAF60B, SMARCD2, BAF60B |
| Dilution    | IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000                                                                                                                    |
| Storage     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.  |

## Protein Information

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| Name              | SMARCD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Synonyms          | BAF60B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Function          | Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner (PubMed: <a href="#">22952240</a> , PubMed: <a href="#">26601204</a> ). Critical regulator of myeloid differentiation, controlling granulocytopoiesis and the expression of genes involved in neutrophil granule formation (PubMed: <a href="#">28369036</a> ). |
| Cellular Location | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Tissue Location   | Isoform 2 is expressed in the pancreas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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