

SMARCA4 antibody

Product Information

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| Catalog No.: | FNab08004 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

The protein encoded by this gene is a member of the SWI/SNF family of proteins and is similar to the brahma protein of *Drosophila*. 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 encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. In addition, this protein can bind BRCA1, as well as regulate the expression of the tumorigenic protein CD44. Mutations in this gene cause rhabdoid tumor predisposition syndrome type 2. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen information

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|--------------|---|
| Immunogen: | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 |
| Synonyms: | Transcription activator BRG1 ATP-dependent helicase SMARCA4 BRG1-associated factor 190A (BAF190A) Mitotic growth and transcription activator Protein BRG-1 Protein brahma homolog 1 SNF2-beta SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 4 SMARCA4 BAF190A BRG1 SNF2B SNF2L4 |
| Observed MW: | 180 kDa |
| Uniprot ID : | P51532 |

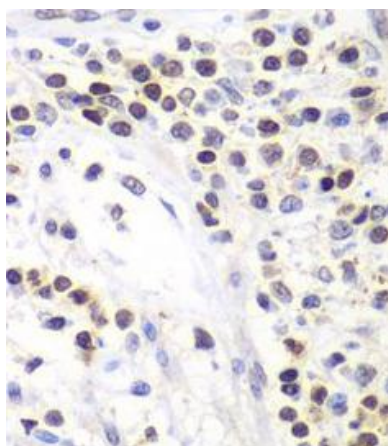
Application

Reactivity: Human

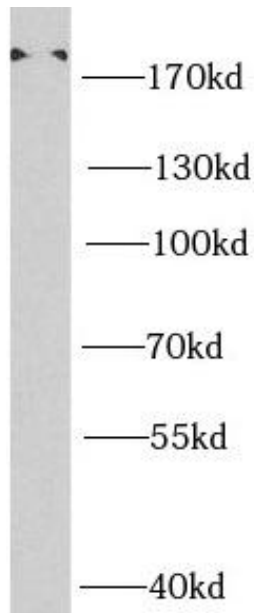
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100; IF: 1:20 - 1:50

Image:



Immunohistochemistry of paraffin-embedded human colon using FNab08004(SMARCA4 Antibody) at dilution of 1:50



HeLa cells were subjected to SDS PAGE followed by western blot with FNab08004(SMARCA4 antibody) at dilution of 1:1000