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Datasheet for ABIN915746

anti-SMARCA1 antibody (AA 281-380) (Alexa Fluor 350)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | SMARCA1 |
| Binding Specificity: | AA 281-380 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SMARCA1 antibody is conjugated to Alexa Fluor 350 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human SNF2L/SMARCA1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Cow,Pig,Horse,Chicken,Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | SMARCA1 |
| Alternative Name: | SNF2L (SMARCA1 Products) |

Target Details

Background: Synonyms: global transcription activator homologous sequence, SMARCA1, SNF2-like 1, SNF2L, SNF2L1, SNF2LB, sucrose nonfermenting 2-like protein 1, SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily a member 1, SWI2, SMCA1_HUMAN.

Background: SNF2L, also known as SMARCA1 (SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1), SWI or ISWI, is a 1,054 amino acid protein that localizes to the nucleus and contains one helicase C-terminal domain, one helicase ATP-binding domain and two SANT domains. Expressed as multiple alternatively spliced isoforms, SNF2L exists as a component of the nucleosome-remodeling factor (NURF) complex where it helps to facilitate the ATP-dependent perturbation of chromatin structure and may also be involved in brain development and neurite outgrowth. The gene encoding SNF2L maps to human chromosome X, which contains nearly 153 million base pairs and houses over 1,000 genes.

Gene ID: 6594

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months