



Rabbit Anti-SNF2L antibody

SL6015R

Product Name:	SNF2L
Chinese Name:	解旋酶SNF2L抗体
Alias:	global transcription activator homologous sequence; SMARCA1; SNF2-like 1; 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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	116kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SMARCA1:281-380/1054
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Function:

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. Two transcript variants encoding different isoforms have been found for this gene

Subunit:

Part of the nucleosome-remodeling factor (NURF) complex which consists of SMARCA1; BPTF; RBBP4 and RBBP7. Part of the CECR2-containing-remodeling factor (CERF) complex which contains CECR2 and SMARCA1. Interacts with PRLR.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the SNF2/RAD54 helicase family. ISWI subfamily.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.
Contains 2 SANT domains.

SWISS:

P28370

Gene ID:

6594

Database links:

[Entrez Gene: 6594](#)Human

[Omir: 300012](#)Human

[SwissProt: P28370](#)Human

[Unigene: 152292](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

