

SETBP1 Recombinant Rabbit mAb

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Catalog # AP94439

Product Information

Application	IHC-P, IHC-F, IF
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Contains 3 A.T hook DNA-binding domains.
SUBUNIT	Interacts with SET.
DISEASE	Defects in SETBP1 are the cause of Schinzel-Giedion midface retraction syndrome (SGMFS) [MIM:269150]. It is a disorder characterized by severe mental retardation, distinctive facial features, and multiple congenital malformations including skeletal abnormalities, genitourinary and renal malformations, cardiac defects, as well as a higher-than-normal prevalence of tumors, notably neuroepithelial neoplasia.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SETBP1 (SET binding protein 1), also known as SEB, is a 1,542 amino acid nuclear protein that contains three AT hook DNA-binding domains, one SKI homology region and a C-terminal SET-binding domain, which is followed by three PPLPPPPP repeats. SETBP1 may be involved in SET-related tumorigenesis and leukemogenesis by regulating the transforming activity of SKI in the nucleus or suppressing SET function. As a widely expressed protein, SETBP1 is encoded by a gene that maps to human chromosome 18, which houses over 300 protein-coding genes and contains nearly 76 million bases. There are a variety of diseases associated with defects in chromosome 18-localized genes, some of which include Trisomy 18 (also known as Edwards syndrome), Niemann-Pick disease, hereditary hemorrhagic telangiectasia, erythropoietic protoporphyria and follicular lymphomas.

Additional Information

Target/Specificity	Expressed in numerous tissues.
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.