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ELF1 Rabbit pAb

Catalog # AP100192

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P32519
Other Accession	P32519
Reactivity	Rat
Predicted	Pig, Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67498
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ELF1
Epitope Specificity	201-300/619
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ETS family. Contains 1 ETS DNA-binding domain.
SUBUNIT	Binds to the underphosphorylated form of RB. May interact with other transcription factors in order to regulate specific genes. Interacts with RUNX1.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	E74 ike Factor 1 is a transcription factor that may be required for the T-cell receptor mediated activation of HIV2 gene expression. It binds to two purine-rich motifs in the HIV-2 enhancer and transcriptionally activates the LYN and mouse BLK promoters.

Additional Information

Gene ID	1997
Other Names	ELF1_HUMAN; ELF1; E74-like factor 1; EFTUD1; RIA1; E74 like ETS transcription factor 1; E74-like factor 1 (ets domain transcription factor)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=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

Name	ELF1
Function	Transcription factor that activates the LYN and BLK promoters. Appears to be required for the T-cell-receptor-mediated trans activation of HIV-2 gene expression. Binds specifically to two purine-rich motifs in the HIV-2 enhancer.
Cellular Location	Nucleus.
Tissue Location	In fetal tissues, it is highly expressed in heart, lung liver and kidney, and weakly expressed in brain. In adult, it is highly expressed in pancreas, spleen, thymus and peripheral blood leukocytes, expressed at moderate levels in heart, placenta, lung, liver, skeletal muscle, kidney, prostate, ovary, small intestine and colon, and weakly expressed in brain and testis

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