

## AF-4 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A10372	Rabbit	1 mg/ml	131422
<b>Applications</b>	IHC,WB,ELISA		
<b>Reactivity</b>	Human,Mouse		
<b>Dilution</b>	WB 1:500-2000 IHC: 1:100 - 1:300. ELISA: 1:20000. Not yet tested in other applications.		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	AF-4 Polyclonal Antibody detects endogenous levels of AF-4 protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AF4. AA range:1-50		
<b>Uniprot No</b>	P51825		
<b>Alternative names</b>	AFF1; AF4; FEL; MLLT2; PBM1; AF4/FMR2 family member 1; ALL1-fused gene from chromosome 4 protein; Protein AF-4; Protein FEL; Proto-oncogene AF4		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	AF4/FMR2 family member 1(AFF1) Homo sapiens This gene encodes a member of the AF4/ lymphoid nuclear protein related to AF4/Fragile X E mental retardation syndrome family of proteins, which have been implicated in childhood lymphoblastic leukemia, Fragile X E site mental retardation, and ataxia. It is the prevalent mixed-lineage leukemia fusion gene associated with spontaneous acute lymphoblastic leukemia. Members of this family have three conserved domains: an N-terminal homology domain, an AF4/ lymphoid nuclear protein related to AF4/Fragile X E mental retardation syndrome domain, and a C-terminal homology domain. The protein functions as a regulator of RNA polymerase II-mediated transcription through elongation and chromatin remodeling functions. Through RNA interference screens, this gene has been shown to promote the expression of CD133, a plasma membrane glycoprotein required for leukemia cell survival. Alternative splicing results in mu		
<b>Other</b>	AFF1, AF4/FMR2 family member 1; ALL1-fused gene from chromosome 4 protein; Protein AF-4; Protein FEL; Proto-oncogene AF4		

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**Product Images:****Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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