

Rabbit anti-Human, Rat AFF1 Polyclonal Antibody | anti-AFF1 antibody

AFF1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311436	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

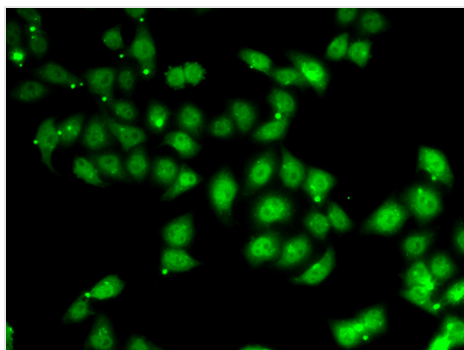
PRODUCT SYNONYMS

AFF1; Polyclonal Antibody; AFF1 Polyclonal Antibody; AF4; MLLT2; PBM1; AF4/FMR2 family member 1; anti-AFF1 antibody

PRODUCT SPECIFICATIONS

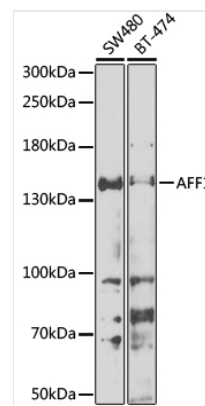
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-AFF1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human AFF1 (NP_001160165.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using AFF1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AFF1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AFF1 antibody	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 multiple transcript variants.
Product Categories/Family for anti-AFF1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	262359911
NCBI GeneID	4299
NCBI Accession #	NP_001160165.1
NCBI GenBank Nucleotide #	NM_001166693.1
UniProt Accession #	P51825; B4DTU1; E9PBM3
Molecular Weight	131,422 Da
NCBI Official Full Name	AF4/FMR2 family member 1 isoform 1
NCBI Official Synonym Full Names	AF4/FMR2 family, member 1
NCBI Official Symbol	AFF1
NCBI Official Synonym Symbols	AF4; PBM1; MLLT2
NCBI Protein Information	AF4/FMR2 family member 1; protein AF-4; proto-oncogene AF4; pre-B-cell monocytic leukemia partner 1; ALL1-fused gene from chromosome 4 protein; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 2
UniProt Protein Name	AF4/FMR2 family member 1
UniProt Gene Name	AFF1
UniProt Synonym Gene Names	AF4; FEL; MLLT2; PBM1; Protein AF-4
UniProt Entry Name	AFF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.