

Rabbit anti-Human, Mouse AFF4 Polyclonal Antibody | anti-AFF4 antibody

AFF4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327832	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

AFF4; Polyclonal Antibody; AFF4 Antibody; AF4/FMR2 family member 4; AF5Q31; Alf4; ALL1 fused gene from chromosome 5q31; HSPC092; Laf4; Lymphoid nuclear protein related to AF4 like; Major CDK9 elongation factor associated protein; MCEF; MGC107469; RP23-226J16.7; anti-AFF4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	AFF4 antibody detects endogenous levels of total AFF4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1163
Applicable Applications for anti-AFF4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human AFF4
Subcellular Location	Nuclear
Tissue Specificity	Ubiquitously expressed. Strongly expressed in heart, placenta, skeletal muscle, pancreas and to a lower extent in brain.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of AFF4 using NIH-3T3 whole cell lysates



IHC (Immunohistochemistry)

AAA327832 at 1/100 staining Mouse pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-AFF4 antibody	Function: Key component of the super elongation complex (SEC), a complex required to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA. In the SEC complex, AFF4 acts as a central scaffold that recruits other factors through direct interactions with ELL proteins (ELL, ELL2 or ELL3) and the P-TEFb complex. In case of infection by HIV-1 virus, the SEC complex is recruited by the viral Tat protein to stimulate viral gene expression. Subunit Structure: Interacts with ELL3; the interaction is direct (By similarity). Interacts with ELL2; the interaction is direct and leads to stabilize ELL2 and prevent ELL2 ubiquitination and degradation. Component of the super elongation complex (SEC), at least composed of EAF1, EAF2, CDK9, MLLT3/AF9, AFF (AFF1 or AFF4), the P-TEFb complex and ELL (ELL, ELL2 or ELL3). Interacts with ELL. Similarity: Belongs to the AF4 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7656879
NCBI GeneID	27125
NCBI Accession #	NP_055238.1
NCBI GenBank Nucleotide #	NM_014423.3
UniProt Accession #	Q9UHB7; Q498B2; Q59FB3; Q6P592; Q8TDR1; Q9P0E4; B2RP19; B7WPD2
Molecular Weight	Observed: 127 kDa Predicted: 128 kDa
NCBI Official Full Name	AF4/FMR2 family member 4
NCBI Official Synonym Full Names	AF4/FMR2 family member 4
NCBI Official Symbol	AFF4
NCBI Official Synonym Symbols	MCEF; CHOPS; AF5Q31
NCBI Protein Information	AF4/FMR2 family member 4
UniProt Protein Name	AF4/FMR2 family member 4
UniProt Gene Name	AFF4
UniProt Synonym Gene Names	AF5Q31; MCEF; Protein AF-5q31

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aff4-antibody-immunohistochemistry-western-blot-elisa/327832>