

Anti-AFF4 antibody



Description	Unconjugated Rabbit polyclonal to AFF4
Model	STJ190525
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human AFF4 protein.
Immunogen Region	30-110aa
Gene ID	27125
Gene Symbol	AFF4
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	AFF4 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Ubiquitously expressed. Strongly expressed in heart, placenta, skeletal muscle, pancreas and to a lower extent in brain.
Purification	AFF4 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	AF4/FMR2 family member 4 ALL1-fused gene from chromosome 5q31 protein Protein AF-5q31 Major CDK9 elongation factor-associated protein
Molecular Weight	127 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17869OMIM:604417
Alternative Names	AF4/FMR2 family member 4 ALL1-fused gene from chromosome 5q31 protein Protein AF-5q31 Major CDK9 elongation factor-associated protein
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.
Cellular Localization	Nucleus. Associates to transcriptionally active chromatin but not at snRNA genes.