

## Anti-AFF4 antibody

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

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