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AF5q31 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9688a

Specification

AF5q31 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9UHB7
Other Accession	Q9ESC8
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**127459**
Antigen Region	**1-30**

AF5q31 Antibody (N-term) - Additional Information

Gene ID 27125

Other Names
AF4/FMR2 family member 4, ALL1-fused gene from chromosome 5q31 protein, Protein AF-5q31, Major CDK9 elongation factor-associated protein, AFF4, AF5Q31, MCEF

Target/Specificity
This AF5q31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human AF5q31.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
AF5q31 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

AF5q31 Antibody (N-term) - Protein Information

Name AFF4

Synonyms AF5Q31, MCEF

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 Location
Nucleus. Note=Associates to transcriptionally active chromatin but not at snRNA genes.

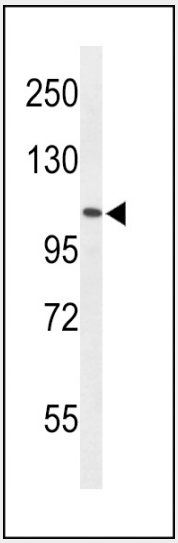
Tissue Location
Ubiquitously expressed. Strongly expressed in heart, placenta, skeletal muscle, pancreas and to a lower extent in brain.

AF5q31 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AF5q31 Antibody (N-term) - Images



Western blot analysis of AF5q31 Antibody (N-term) (Cat. #AP9688a) in HL-60 cell line lysates (35ug/lane). AF5q31 (arrow) was detected using the purified Pab.

AF5q31 Antibody (N-term) - References

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