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AFM Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9445a

Specification

AFM Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P43652
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**69069**
Antigen Region	**49-76**

AFM Antibody (N-term) - Additional Information

Gene ID 173

Other Names
Afamin, Alpha-albumin, Alpha-Alb, AFM, ALB2, ALBA

Target/Specificity
This AFM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-76 amino acids from the N-terminal region of human AFM.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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

AFM Antibody (N-term) - Protein Information

Name AFM

Synonyms ALB2, ALBA

Function Functions as a carrier for hydrophobic molecules in body fluids (Probable). Essential for

the solubility and activity of lipidated Wnt family members, including WNT1, WNT2B, WNT3, WNT3A, WNT5A, WNT7A, WNT7B, WNT8, WNT9A, WNT9B, WNT10A and WNT10B (PubMed:26902720). Binds vitamin E (PubMed:15952736, PubMed:12463752). May transport vitamin E in body fluids under conditions where the lipoprotein system is not sufficient (PubMed:15952736). May be involved in the transport of vitamin E across the blood-brain barrier (PubMed:19046407).

Cellular Location
Secreted

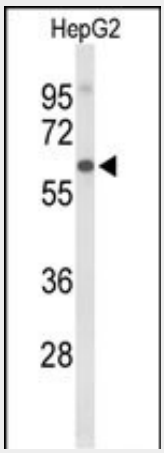
Tissue Location
High level detected in plasma but also in extravascular fluids such as follicular and cerebrospinal fluids (at protein level).

AFM 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

AFM Antibody (N-term) - Images



Western blot analysis of AFM Antibody (N-term) (Cat. #AP9445a) in HepG2 cell line lysates (35ug/lane). AFM (arrow) was detected using the purified Pab.

AFM Antibody (N-term) - Background

AFM is a member of the albumin gene family, which is comprised of four genes that localize to chromosome 4 in a tandem arrangement. These four genes encode structurally-related serum transport proteins that are known to be evolutionarily related. The protein encoded by this gene is regulated developmentally, expressed in the liver and secreted into the bloodstream.

AFM Antibody (N-term) - References

Dieplinger, H., et al. Cancer Epidemiol. Biomarkers Prev. 18(4):1127-1133(2009)
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