

AFM Antibody (N-term) Blocking Peptide

Synthetic peptide

Catalog # BP9445a

Specification

AFM Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P43652](#)**AFM Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 173

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AFM Antibody (N-term) Blocking Peptide - 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:12463752, PubMed:15952736). 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

AFM Antibody (N-term) Blocking Peptide - Images

AFM Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - References

Dieplinger, H., et al. Cancer Epidemiol. Biomarkers Prev. 18(4):1127-1133(2009)Kratzer, I., et al. J. Neurochem. 108(3):707-718(2009)Ramachandran, P., et al. J. Proteome Res. 5(6):1493-1503(2006)Hu, Y., et al. Mol. Cell Proteomics 4(12):2000-2009(2005)Liu, T., et al. J. Proteome Res. 4(6):2070-2080(2005)Bunkenborg, J., et al. Proteomics 4(2):454-465(2004)