

Afamin / alpha Albumin Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2991a**Specification**

Afamin / alpha Albumin Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P43652
Other Accession	NP_001124.1 , 173 , 75547 (mouse) , 293024 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	69069

Afamin / alpha Albumin Antibody (internal region) - Additional Information**Gene ID** 173**Other Names**

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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Afamin / alpha Albumin Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Afamin / alpha Albumin Antibody (internal region) - 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

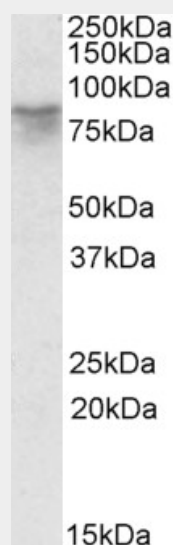
High level detected in plasma but also in extravascular fluids such as follicular and cerebrospinal fluids (at protein level).

Afamin / alpha Albumin Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Afamin / alpha Albumin Antibody (internal region) - Images



AF2991a (0.3 µg/ml) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Afamin / alpha Albumin Antibody (internal region) - References

Afamin is synthesized by cerebrovascular endothelial cells and mediates alpha-tocopherol transport across an in vitro model of the blood-brain barrier. Kratzer I, Bernhart E, Wintersperger A, Hammer A, Waltl S, Malle E, Sperk G, Wietzorrek G, Dieplinger H, Sattler W. Journal of neurochemistry 2009 Feb 108 (3): 707-18. PMID: 19046407