

AFM polyclonal antibody

Catalog # PAB16637 Size 100 ug

Applications



Western Blot (Tissue lysate)

AFM polyclonal antibody (Cat # PAB16637) (0.3 ug/mL) staining of human cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of AFM.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human AFM.
Sequence	C-NKDDRPKDLSLRE
Host	Goat
Theoretical MW (kDa)	69
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — AFM

Entrez GeneID[173](#)**Protein Accession#**[NP_001124.1](#)**Gene Name**

AFM

Gene Alias

ALB2, ALBA, ALF, MGC125338, MGC125339

Gene Description

afamin

Omim ID[104145](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene 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. [provided by RefSeq]

Other Designations

alpha-albumin

Publication Reference

- [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, Walzl S, Malle E, Sperk G, Wietzorrek G, Dieplinger H, Sattler W.

Journal of Neurochemistry 2009 Feb; 108(3):707.

Application: IF, IHC, WB-Ce, Pig, Porcine brain capillary endothelial cells, brain