

ARG45661 anti-Afamin / alpha Albumin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Afamin / alpha Albumin
Tested Reactivity	Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Afamin / alpha Albumin
Species	Mouse
Immunogen	Recombinant protein containing to mouse Afamin / alpha Albumin.
Conjugation	Un-conjugated
Alternate Names	AFM; Alpha-albumin; ALF; ALBA; ALB2; Afamin; Alpha-Alb

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	87 kDa	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.01% Sodium azide and 4% Trehalose.
Preservative	0.01% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

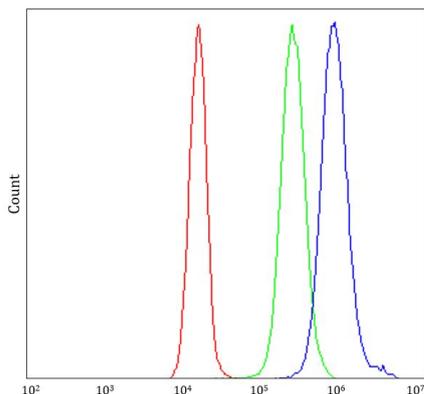
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

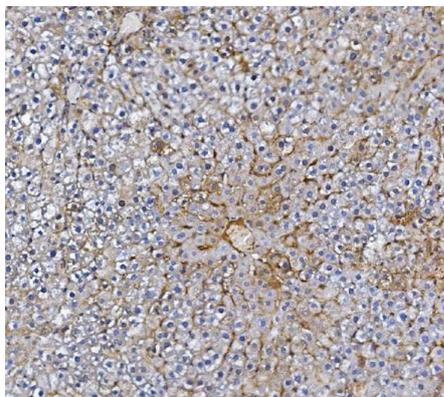
Gene Symbol	AFM
Gene Full Name	afamin
Background	This gene is a member of the albumin gene family, which is comprised of four genes that localize to chromosome 4 in a tandem arrangement. These four genes encode structurally-related serum transport proteins that are known to be evolutionarily related. The protein encoded by this gene is regulated developmentally, expressed in the liver and secreted into the bloodstream. [provided by RefSeq, Jul 2008]
Function	Vitamin E binding protein. May transport vitamin E in body fluids under conditions where the lipoprotein system is not sufficient. May be involved in the regulation and transport of vitamin E at the blood-brain barrier. [UniProt]
Calculated Mw	69 kDa
PTM	N-glycosylated; more than 90% of the glycans are sialylated. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



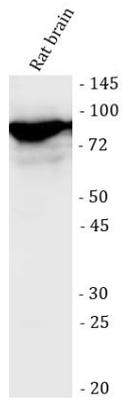
ARG45661 anti-Afamin / alpha Albumin antibody FACS image

Flow Cytometry: HEPA1-6 stained with ARG45661 anti-Afamin / alpha Albumin antibody at 1 $\mu\text{g}/10^6$ cells dilution.



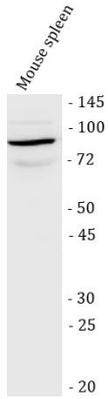
ARG45661 anti-Afamin / alpha Albumin antibody IHC-P image

Immunohistochemistry: Rat liver stained with ARG45661 anti-Afamin / alpha Albumin antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



ARG45661 anti-Afamin / alpha Albumin antibody WB image

Western blot: Rat brain stained with ARG45661 anti-Afamin / alpha Albumin antibody at 0.5 μ g/ml dilution.



ARG45661 anti-Afamin / alpha Albumin antibody WB image

Western blot: Mouse spleen stained with ARG45661 anti-Afamin / alpha Albumin antibody at 0.5 μ g/ml dilution.