Datasheet for ABIN7601674

anti-Afamin antibody (AA 41-584)

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Overview

Quantity:	100 µg
Target:	Afamin (AFM)
Binding Specificity:	AA 41-584
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Afamin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-AFM Antibody Picoband®
Immunogen:	E.coli-derived human AFM recombinant protein (Position: D41-E584).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-AFM Antibody Picoband® (ABIN7601674). Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	Afamin (AFM)
Alternative Name:	AFM (AFM Products)
Background:	Synonyms: Agouti-related protein, Agrp, Agrt, Art Tissue Specificity: Expressed in arcuate nucleus and median eminence, adrenal gland (medulla), hypothalamus, testis, and lung. Background: Afamin is a protein that in humans is encoded by the AFM gene. 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.
Molecular Weight:	87 kDa
Gene ID:	173
UniProt:	P43652

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human Immunohistochemistry (Paraffin-embedded Section), 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Belanger, L., Roy, S., Allard, D. New albumin gene 3-prime adjacent to the alpha-1-fetoprotein locus. J. Biol. Chem. 269: 5481-5484, 1994. 2. Lichenstein, H. S., Lyons, D. E., Wurfel, M. M., Johnson, D. A., McGinley, M. D., Leidli, J. C., Trollinger, D. B., Mayer, J. P., Wright, S. D., Zukowski, M. M. Afamin is a new member of the albumin, alpha-fetoprotein, and vitamin D-binding protein gene family. J. Biol. Chem. 269: 18149-18154, 1994. 3. Nishio, H., Dugaiczyk, A. Complete structure of the human alpha-albumin gene, a new member of the serum albumin multigene family. Proc. Nat. Acad. Sci. 93: 7557-7561, 1996.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.01 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.