



Goat anti-Afamin / alpha Albumin Antibody

Item Number	dAP-1878
Target Molecule	Principle Name: Afamin / alpha Albumin; Official Symbol: AFM; All Names and Symbols: AFM; afamin; ALB2; ALBA; ALF; MGC125338; MGC125339; alpha-albumin; Accession Number (s): NP_001124.1; Human Gene ID(s): 173; Non-Human GeneID(s): 75547 (mouse) 293024 (rat)
Immunogen	NKDDRPKDLSLRE, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 80kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 69.1kDa according to NP_001124.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Kratzer I, Bernhart E, Wintersperger A, Hammer A, Waltl S, Malle E, Sperk G, Wietzorrek G, Dieplinger H, Sattler W. Afamin is synthesized by cerebrovascular endothelial cells and mediates alpha-tocopherol transport across an in vitro model of the blood-brain barrier. Journal of neurochemistry 2009 Feb

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**