ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-APPL1 Antibody

Item Number	dAP-1029
Target Molecule	Principle Name: APPL1; Official Symbol: APPL1; All Names and Symbols: APPL1; DIP13alpha ; adaptor protein containing pH domain, PTB domain and leucine zipper motif; signaling adaptor protein DIP13alpha; Accession Number (s): NP_036228.1; Human Gene ID(s): 26060; Non-Human GeneID(s): 72993 (mouse)
Immunogen	NRYSRLSKKRENDK, is from internal region
Applications	Pep ELISA, WB Species Tested:
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; Reconsititute 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 64000.
Western Blot	Western Blot: Approx 80kDa band observed in Rat Aortic Smooth Skeletal Muscle Cells (lane 1), intensity increased after infection with Human APPL1 adenovirus for 48h (lane 2). Calculated MW of 79.7kDa according to NP_036228.1. The blot was co-labeled wit
IHC	
Reference	Reference(s): Mao X, Kikani CK, Riojas RA, Langlais P, Wang L, Ramos FJ, Fang Q, Christ-Roberts CY, Hong JY, Kim RY, Liu F, Dong LQ. APPL1 binds to adiponectin receptors and mediates adiponectin signalling and function. Nat Cell Biol. 2006 May;8(5):516-23. Epub 2006 Apr 16. Erratum in: Nat Cell Biol.

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

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com