

Product datasheet for **AP32796PU-N**

APPL (APPL1) (C-term) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Peptide ELISA: 1/2000 (Detection Limit). Western blot: 0.3-1.0 µg/ml. Detects a band of Approx 90kDa in Human Heart lysates (calculated MW of 79.7kDa according to NP_036228.1). A customer has reported that this antibody also works well in Mouse (hepatocytes, C2C12 myoblasts and Mouse embryonic fibroblast cells).
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the C-Terminus of the protein sequence according to NP_036228.1.
Specificity:	Recognizes Human APPL / DIP13 alpha (C-term). Other species not tested.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	adaptor protein, phosphotyrosine interacting with PH domain and leucine zipper 1
Database Link:	Entrez Gene 26060 Human Q9UKG1



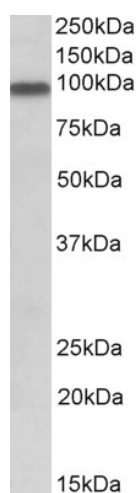
[View online »](#)

Background:

The protein encoded by this gene has been shown to be involved in the regulation of cell proliferation, and in the crosstalk between the adiponectin signalling and insulin signalling pathways. The encoded protein binds many other proteins, including RAB5A, DCC, AKT2, PIK3CA, adiponectin receptors, and proteins of the NuRD/MeCP1 complex. This protein is found associated with endosomal membranes, but can be released by EGF and translocated to the nucleus.

Synonyms:

Dip13-alpha, KIAA1428

Product images:

AP32796PU-N (0.3ug/ml) staining of Human Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.