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Product datasheet for AP31920PU-N

DAPP1 (C-term) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	**Peptide ELISA:** 1/4000 (Detection limit). **Western Blot:** 0.5-1 µg/ml. Approx 30kDa band observed in Human Kidney lysates.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence SALCISPEEKTDHK, from the C Terminus of the protein sequence according to AAF14578.1.
Specificity:	This antibody recognizes DAPP1
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody 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.
Predicted Protein Size:	32.0 kDa (AAF14578.1).
Gene Name:	dual adaptor of phosphotyrosine and 3-phosphoinositides 1
Database Link:	Entrez Gene 27071 Human Q9UN19

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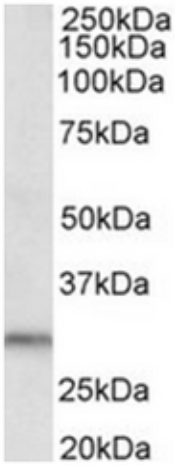
Background: B cell adapter molecule (BAM32) is also designated a dual adapter for phosphotyrosine and 3-phosphotyrosine, and 3-phosphoinositide (DAPP1) or B lymphocyte adapter protein. BAM32 is a B cell-associated adapter that is crucial for B cell antigen receptor signaling regulation. BAM32 interacts with Ptdlns and PLC γ2 and, upon B cell activation, the protein is phosphorylated on tyrosine residues. It is a mainly cytoplasmic protein that can translocate to the cell membrane after cell stimulation. BAM32, which contains one PH domain and one SH2 domain, is primarily expressed in placenta and lung tissues, but can also be detected in heart, liver, pancreas and brain.

Synonyms: BAM32, HSPC066, DKFZp667E0716, hDAPP1

Product images:



AP31920PU-N DAPP1 antibody staining of Human Kidney lysate at 0.5 ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.