Product Name: BAM32 (phospho Tyr139) Rabbit Polyclonal Antibody
Catalog #: APRab04299

Summary

Production Name	BAM32 (phospho Tyr139) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	ELISA,IF,WB,
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	DAPP1
Alternative Names	DAPP1; BAM32; HSPC066; Dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide; hDAPP1; B lymphocyte adapter protein Bam32; B-cell adapter molecule of 32 kDa
Gene ID	27071.0
SwissProt ID	Q9UN19.The antiserum was produced against synthesized peptide derived from human DAPP1 around the phosphorylation site of Tyr139. AA range:105-154

Application

Dilution Ratio	WB 1:500 - 1:2000 IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other

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	applications.
Molecular Weight	32kD

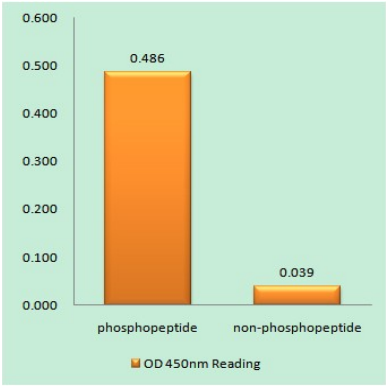
Background

function:May act as a B-cell-associated adapter that regulates B-cell antigen receptor (BCR)-signaling downstream of PI3K.,induction:Upon B-cell activation.,PTM:Phosphorylated on tyrosine residues.,similarity:Contains 1 PH domain.,similarity:Contains 1 SH2 domain.,subcellular location:Membrane-associated after cell stimulation leading to its translocation.,subunit:Interacts with PtdIns(3,4,5)P3 and PLCG2. In vitro, interacts with PtdIns(3,4)P2.,tissue specificity:Highly expressed in placenta and lung, followed by brain, heart, kidney, liver, pancreas and skeletal muscle. Expressed by B-lymphocytes, but not T-lymphocytes or nonhematopoietic cells.,function:May act as a B-cell-associated adapter that regulates B-cell antigen receptor (BCR)-signaling downstream of PI3K.,induction:Upon B-cell activation.,PTM:Phosphorylated on tyrosine residues.,similarity:Contains 1 PH domain.,similarity:Contains 1 SH2 domain.,subcellular location:Membrane-associated after cell stimulation leading to its translocation.,subunit:Interacts with PtdIns(3,4,5)P3 and PLCG2. In vitro, interacts with PtdIns(3,4)P2.,tissue specificity:Highly expressed in placenta and lung, followed by brain, heart, kidney, liver, pancreas and skeletal muscle. Expressed by B-lymphocytes, but not T-lymphocytes or nonhematopoietic cells.,

Research Area

B_Cell_Antigen;

Image Data



Enzyme-Linked Immunosorbent Assay （Phospho-ELISA） for Immunogen Phosphopeptide （Phospho-left） and Non-Phosphopeptide （Phospho-right）, using DAPP1 （Phospho-Tyr139） Antibody

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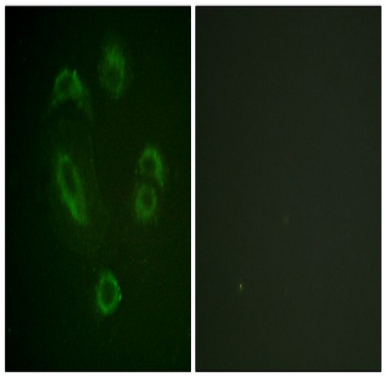
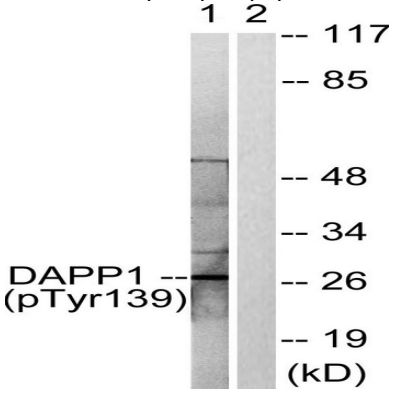
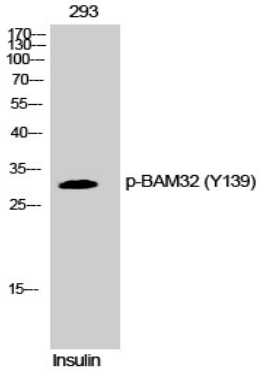


Immunofluorescence analysis of A549 cells, using DAPP1 (Phospho-Tyr139) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 293 cells treated with Insulin 0.01U/ml 2 ', using DAPP1 (Phospho-Tyr139) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of 293 cells using Phospho-BAM32 (Y139) Polyclonal Antibody

Note

For research use only.