



BAM32 (phospho Tyr139) Polyclonal Antibody

Catalog No	YP-Ab-13848
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	DAPP1
Immunogen	The antiserum was produced against synthesized peptide derived from human DAPP1 around the phosphorylation site of Tyr139. AA range:105-154
Specificity	Phospho-BAM32 (Y139) Polyclonal Antibody detects endogenous levels of BAM32 protein only when phosphorylated at Y139.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	B cell adapter molecule of 32 kDa;B lymphocyte adapter protein Bam32;B-cell adapter molecule of 32 kDa;BAM32;DAPP1;DAPP1_HUMAN;DKFZp667E716; Dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide;Dual adaptor of phosphotyrosine and 3 phosphoinositides; hDAPP1;HSPC066
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Cytoplasm . Membrane ; Peripheral membrane protein . Membrane-associated after cell stimulation leading to its translocation.
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	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.,

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.,

matters needing attention

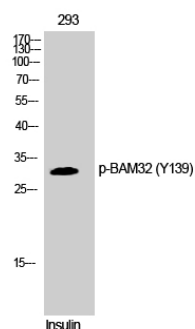
Avoid repeated freezing and thawing!

Usage suggestions

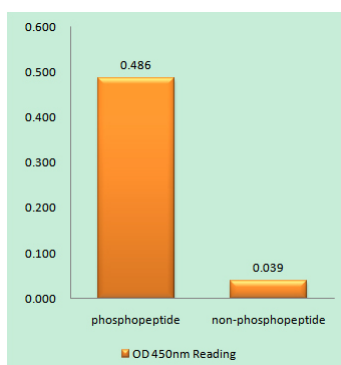
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



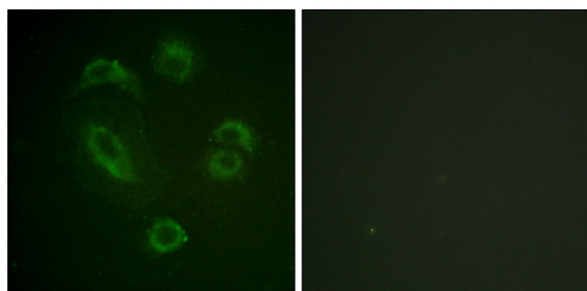
Products Images



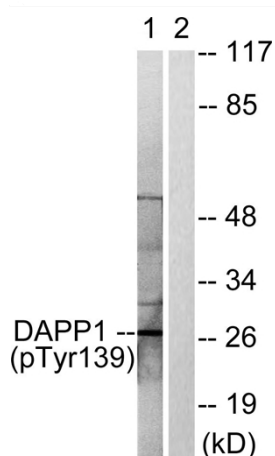
Western Blot analysis of 293 cells using
Phospho-BAM32 (Y139) Polyclonal Antibody



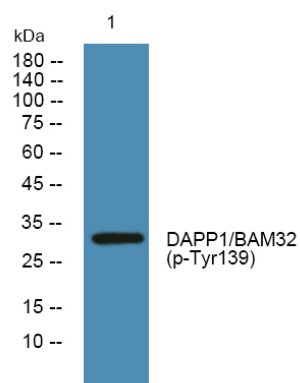
Enzyme-Linked Immunosorbent Assay
(Phospho-ELISA) for Immunogen Phosphopeptide
(Phospho-left) and Non-Phosphopeptide
(Phospho-right), using DAPP1 (Phospho-Tyr139)
Antibody



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 lysates from U2OS cells,
primary antibody was diluted at 1:1000, 4° over night