



BAM32 Polyclonal Antibody

Catalog No	YP-Ab-13868
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	DAPP1
Protein Name	Dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide
Immunogen	The antiserum was produced against synthesized peptide derived from human DAPP1. AA range:105-154
Specificity	BAM32 Polyclonal Antibody detects endogenous levels of BAM32 protein.
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	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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
Observed Band	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.,

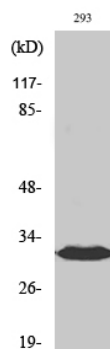
matters needing attention

Avoid repeated freezing and thawing!

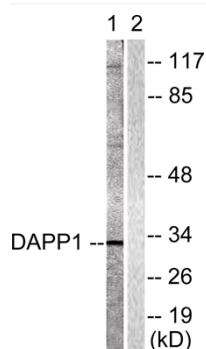
Usage suggestions

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

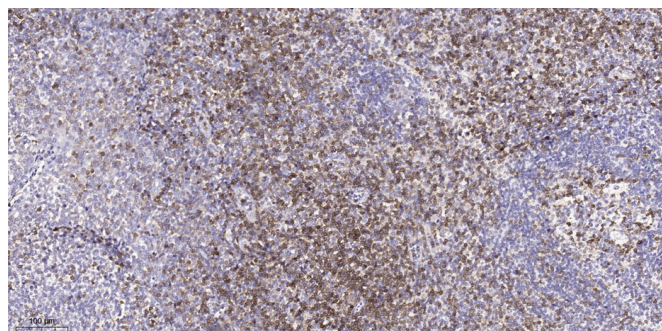
Products Images



Western Blot analysis of various cells using BAM32 Polyclonal Antibody



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



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA, pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight). 3, Secondary antibody was diluted at 1:200(room temperature, 45min).