Best Tools for immunology Research

BAM32 Polyclonal Antibody

Catalog No :	YT0450
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	DAPP1
Fields :	>>B cell receptor signaling pathway
Gene Name :	DAPP1
Protein Name :	Dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide
Human Gene Id :	27071
Human Swiss Prot No :	Q9UN19
Mouse Gene Id :	26377
Mouse Swiss Prot No :	Q9QXT1
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
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	32kD
Cell Pathway :	B_Cell_Antigen;
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.,
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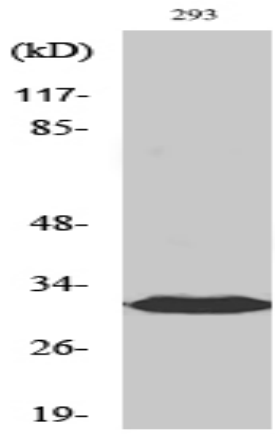
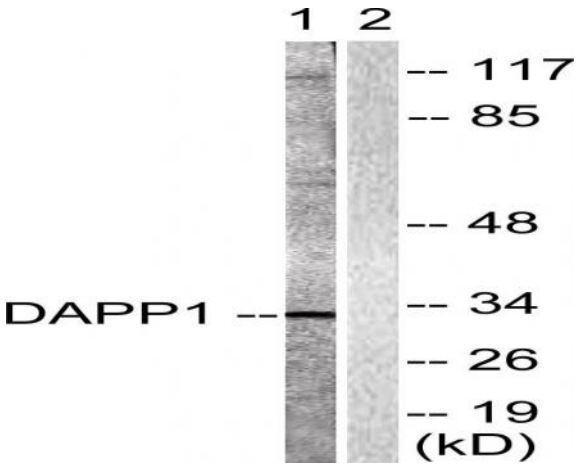
Subcellular Location :	Cytoplasm . Membrane ; Peripheral membrane protein . Membrane-associated after cell stimulation leading to its translocation.
Expression :	Highly expressed in placenta and lung, followed by brain, heart, kidney, liver, pancreas and skeletal muscle. Expressed by B-lymphocytes, but not T-lymphocytes or nonhematopoietic cells.

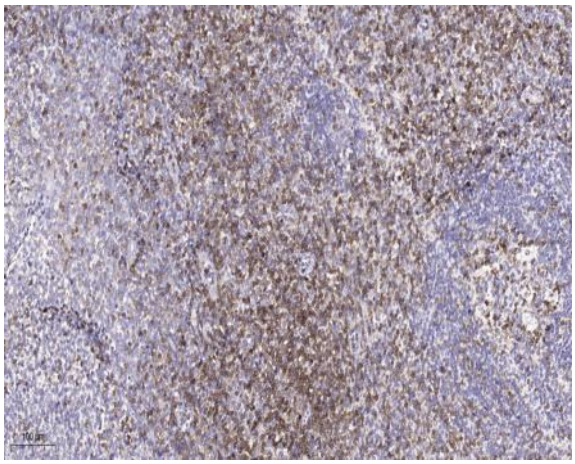
Products Images



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).