

Rabbit DAPP1/BAM32 Polyclonal Antibody | anti-DAPP1/BAM32 antibody

Phospho-DAPP1/BAM32 (Tyr139) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329495	Rabbit	Human, Rat Predicted Reactivity: Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DAPP1/BAM32; Polyclonal Antibody; Phospho-DAPP1/BAM32 (Tyr139) Antibody; B cell adapter molecule of 32kDa; B lymphocyte adapter protein Bam32; B-cell adapter molecule of 32kDa; BAM32; DAPP1; DAPP1_HUMAN; DKFZp667E0716; Dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide; Dual adaptor of phosphotyrosine and 3 phosphoinositides; hDAPP1; anti-DAPP1/BAM32 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat Predicted Reactivity: Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-DAPP1/BAM32 (Tyr139) Antibody detects endogenous levels of DAPP1/BAM32 only when phosphorylated at Tyr139. 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.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-DAPP1/BAM32 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human DAPP1/BAM32 around the phosphorylation site of Tyr139.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Phosphorylated on tyrosine residues.
Subunit Structure	Interacts with PtdIns (3,4,5)P3 and PLCG2. In vitro, interacts with PtdIns (3,4)P2.
Subcellular Location	Cytoplasm. Membrane>Peripheral membrane protein. Note: Membrane-associated after cell stimulation leading to its translocation.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemisry)

At 1/100 staining Human pancreatic cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohiostchemistry)

Staining Rat spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Ramos anti-IgM 12 ug/ml, 10 min, using Phospho-DAPP1/BAM32 (Tyr139) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DAPP1/BAM32 antibody	May act as a B-cell-associated adapter that regulates B-cell antigen receptor (BCR)-signaling downstream of PI3K.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	158631203
NCBI GeneID	27071
NCBI Accession #	NP_055210.2
NCBI GenBank Nucleotide #	NM_014395.2
UniProt Accession #	Q9UN19; Q8TCK5; Q9UHF2
Molecular Weight	32,194 Da
NCBI Official Full Name	dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide
NCBI Official Synonym Full Names	dual adaptor of phosphotyrosine and 3-phosphoinositides
NCBI Official Symbol	DAPP1
NCBI Official Synonym Symbols	BAM32
NCBI Protein Information	dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide; hDAPP1; B-cell adapter molecule of 32 kDa; b lymphocyte adapter protein Bam32
UniProt Protein Name	Dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide
UniProt Gene Name	DAPP1
UniProt Synonym Gene Names	BAM32; hDAPP1
UniProt Entry Name	DAPP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.