

## anti-Human, Mouse DAPP1 Antibody | anti-DAPP1 antibody

DAPP1 (Phospho-Tyr139) Antibody

|                               |                                   |                                                                |
|-------------------------------|-----------------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA267533</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------------------|----------------------------------------------------------------|

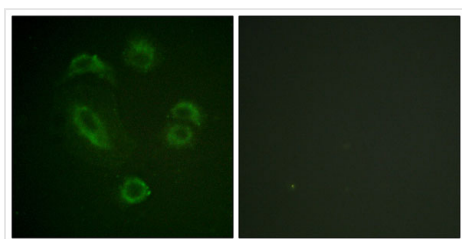
### PRODUCT SYNONYMS

DAPP1; DAPP1 (Phospho-Tyr139) Antibody; 3' phosphoinositide-interacting SH2 domain containing protein; B lymphocyte adapter protein BAM32; Bam32; Dual adaptor for phosphotyrosine and 3-phosphoinositides 1; PHISH; dual adapter for phosphotyrosine and 3-phosphoinositides; anti-DAPP1 antibody

### PRODUCT SPECIFICATIONS

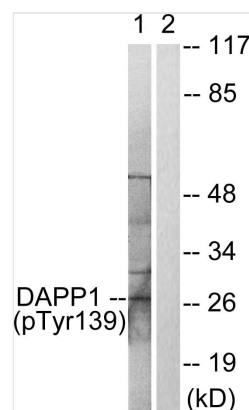
|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse                                                                                                                                                                                                                                        |
| Specificity                                     | DAPP1 (Phospho-Tyr139) antibody detects endogenous levels of DAPP1 only when phosphorylated at tyrosine 139.                                                                                                                                        |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 263                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-DAPP1 antibody | ELISA, IF (Immunofluorescence), WB (Western Blot)                                                                                                                                                                                                   |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human DAPP1 around the phosphorylation site of tyrosine 139 (S-I-YP-E-S).                                                                                                |
| All Sites                                       | Human: Tyr139<br>Mouse: Tyr139                                                                                                                                                                                                                      |
| Preparation and Storage                         | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



#### WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from 293 cells, treated with Insulin (0.01U/ml, 2mins), using DAPP1 (Phospho-Tyr139) antibody. Immunofluorescence analysis of A549 cells, using DAPP1 (Phospho-Tyr139) antibody.



Application Data

ADDITIONAL INFORMATION

|            |                                                                                                                                      |
|------------|--------------------------------------------------------------------------------------------------------------------------------------|
| References | Dowler S., Biochem. J. 342:7-12(1999). Marshall A.J., J. Exp. Med. 191:1319-1332(2000). Zhang Q.-H., Genome Res. 10:1546-1560(2000). |
|------------|--------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| NCBI GI #                        | 807066331                                                                               |
| NCBI GeneID                      | 27071                                                                                   |
| NCBI Accession #                 | NP_001293080.1                                                                          |
| NCBI GenBank Nucleotide #        | NM_001306151.1                                                                          |
| UniProt Accession #              | Q9UHF2; Q8TCK5; Q9UN19                                                                  |
| Molecular Weight                 | 32,044 Da                                                                               |
| NCBI Official Full Name          | dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide isoform 2 |
| NCBI Official Synonym Full Names | dual adaptor of phosphotyrosine and 3-phosphoinositides 1                               |
| NCBI Official Symbol             | DAPP1                                                                                   |
| NCBI Official Synonym Symbols    | BAM32                                                                                   |
| NCBI Protein Information         | dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide           |
| UniProt Protein Name             | Dual adapter for phosphotyrosine and 3-phosphotyrosine and 3-phosphoinositide           |
| UniProt Gene Name                | DAPP1                                                                                   |
| UniProt Synonym Gene Names       | BAM32; hDAPP1                                                                           |

**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.