

## Rabbit anti-Human DAP12 Monoclonal Antibody | anti-DAP12 antibody

DAP12 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                         |
|-----------|--------|------------|----------------------------------------------------------------------|
| AAA312681 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

DAP12; Monoclonal Antibody; DAP12 Antibody; DAP 12 antibody; DAP12 antibody; DNAX activation protein 12 antibody; DNAX-activation protein 12 antibody; KAR-associated protein antibody; KARAP antibody; Killer activating receptor associated protein antibody; Killer-activating receptor-associated protein antibody; PLOSL antibody; TYOBP\_HUMAN antibody; TYRO protein tyrosine kinase binding protein antibody; TYRO protein tyrosine kinase-binding protein antibody; TYROBP antibody; anti-DAP12 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                   |
| Reactivity                                      | Human                                                                    |
| Clonality                                       | Monoclonal                                                               |
| Clone Number                                    | JG38-70                                                                  |
| Purity/Purification                             | ProA affinity purified                                                   |
| Form/Format                                     | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.   |
| Applicable Applications for anti-DAP12 antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot) |
| Antibody Type                                   | Recombinant Antibody                                                     |
| Immunogen                                       | Synthetic peptide within human DAP12 aa 60-100.                          |
| Conjugation                                     | Unconjugated                                                             |
| Preparation and Storage                         | Store at -20 degree C.                                                   |

### IMAGES



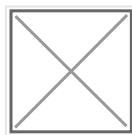
#### FCM/FACS (Flow Cytometry)

Flow cytometric analysis of K562 cells with DAP12 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-DAP12 antibody. Counter stained with hematoxylin.



#### WB (Western Blot)

Western blot analysis of DAP12 on THP-1 cell using anti-DAP12 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DAP12 antibody | Natural killer (NK) cells are regulated by stimulatory and inhibitory signals from a variety of receptors. Three main receptor families are responsible for NK cells recognition of MHC I molecules, including Ly-49, CD94/NKG2 and KIR (killer-cell inhibitory receptor). DAP12 is a phosphoprotein that is involved in the activation of NK cells. This protein interacts with membrane glycoproteins of the KIR family, resulting in cellular activation. DAP12 also binds to CD94/NKG2C, an activating NK cell receptor belonging to the C-type lectin superfamily. Additional proteins that bind to DAP12 include Ly-49D and Ly-49H, which associate with DAP12 in the plasma membrane. Phosphorylated DAP12 binds to ZAP-70 and Syk, suggesting that the activation pathway may be similar to that of the T and B cell antigen receptors. |
| Product Categories/Family for anti-DAP12 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4507755                                                                                                                                         |
| NCBI GeneID                      | 7305                                                                                                                                            |
| NCBI Accession #                 | NP_003323.1                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_003332.3                                                                                                                                     |
| UniProt Accession #              | O43914; Q6FGA5; Q9UMT3; A8K2X0; F5H389                                                                                                          |
| Molecular Weight                 | 11,043 Da                                                                                                                                       |
| NCBI Official Full Name          | TYRO protein tyrosine kinase-binding protein isoform 1                                                                                          |
| NCBI Official Synonym Full Names | TYRO protein tyrosine kinase binding protein                                                                                                    |
| NCBI Official Symbol             | TYROBP                                                                                                                                          |
| NCBI Official Synonym Symbols    | DAP12; KARAP; PLOSL                                                                                                                             |
| NCBI Protein Information         | TYRO protein tyrosine kinase-binding protein; KAR-associated protein; DNAX-activation protein 12; killer-activating receptor-associated protein |
| UniProt Protein Name             | TYRO protein tyrosine kinase-binding protein                                                                                                    |
| UniProt Gene Name                | TYROBP                                                                                                                                          |
| UniProt Synonym Gene Names       | DAP12; KARAP; KAR-associated protein                                                                                                            |
| UniProt Entry Name               | TYOBP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/dap12-antibody-clone-jg38-70-flow-cytometry-immunohistochemistry-western-blot-elisa/312681>