

## DAP12 polyclonal antibody

Catalog: BS90391

Host: Rabbit

Reactivity: Human

### BackGround:

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

12 kDa

### Swiss-Prot:

O43914(Human)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500-1:1,000

IHC:1:50-1:200

FC:1:50-1:100

### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid

repeated freeze / thaw cycles.

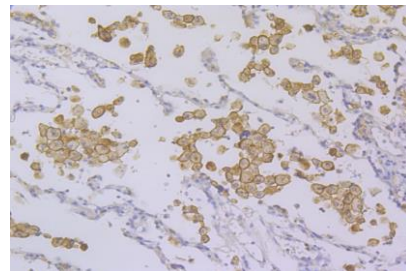
### Specificity:

DAP12 polyclonal antibody detects endogenous levels of DAP12 protein.

### DATA:



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



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

### Note:

For research use only, not for use in diagnostic procedure.

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