

CD40 Ligand polyclonal antibody

Catalog: BS60466

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

CD40 and CD154 (also designated CD40L or TRAP) comprise a receptor ligand pair central to the transmission of this signal. CD40 is expressed on the surface of B cells and CD154 is expressed on activated T cells. In the presence of such stimulus, IL-4 and IL-13 are capable of triggering immunoglobulin class switching and secretion of IgE. CD154 is a 261 amino acid protein that is expressed as a soluble cytokine as well as a homotrimeric type II transmembrane protein. Its expression is tightly regulated, and abnormal levels of CD154 are associated with the pathogenesis of atheromatous plaque destabilization and thrombotic events. Mutations in the gene encoding for CD154 are implicated in hyper-IgM immunodeficiency syndrome type 1.

Product:

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

Molecular Weight:

~ 29, 35 kDa

Swiss-Prot:

P29965

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

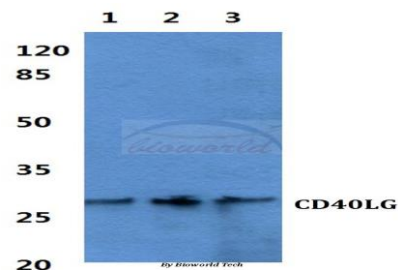
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CD40 Ligand polyclonal antibody detects endogenous levels of CD40 Ligand protein.

DATA:



Western blot (WB) analysis of CD40 Ligand polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:Mouse spleen tissue lysate

Lane3:Rat spleen tissue lysate

Note:

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

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