

PDCD1 polyclonal antibody

Catalog: BS60383

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

PDCD1 (Programmed Cell Death-1 protein), also designated CD279, is a type I transmembrane receptor and a member of the immunoglobulin gene superfamily. Pdc1-1 contains an immunoreceptor tyrosine-based inhibitory motif (ITIM) within the cytoplasmic domain, which is conserved between the mouse and human homologs. Expression of Pdc1-1 is detected in mouse thymus, and it is induced in stimulated B and T cell lines, where it may play a role in the negative regulation of various immune responses. Receptors such as Pdc1-1 function by recruiting tyrosine phosphatases, including SHP-1 and SHIP, which are responsible for altering various B cell responses. Additionally, in activated lymphocytes, Pdc1-1 mediates the activation of the classical type of programmed cell death.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 32 kDa

Swiss-Prot:

Q15116

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

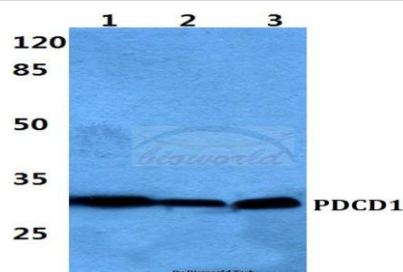
Storage&Stability:

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

Specificity:

PDCD1 polyclonal antibody detects endogenous levels of PDCD1 protein.

DATA:



Western blot (WB) analysis of PDCD1 polyclonal antibody at 1:500 dilution

Lane1:HepG2 cell lysate

Lane2:Mouse liver tissue lysate

Lane3:H9C2 cell lysate

Note:

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

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