

IL17D polyclonal antibody

Catalog: BS60982

Host: Rabbit

Reactivity: Human

BackGround:

Cytokines are small, soluble proteins with pleiotropic effects on a variety of cell types. Cytokines have a regulatory function over the immune system and mediate aspects of inflammatory response. They exert their biological effects through the binding of membrane-bound receptors which, in turn, initiate signal transduction cascades and elicit physiological changes in their target cell. The proinflammatory cytokine Interleukin 17D (IL-17D), also known as IL-27, is the largest member of the IL-17 family of cytokines. It is produced by CD4⁺ T cells and is predominantly expressed in brain, lung, heart, adipose tissue, pancreas and skeletal muscle. IL-17D regulates the production of other cytokines in endothelial cells, including IL-6, IL-8 and GM-CSF. It may play a role in the activation of the endothelium, which is the site of attachment for migrating immune cells. In addition, IL-17D may play a role in the amplification of a local immune response.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 22 kDa

Swiss-Prot:

Q8TAD2

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

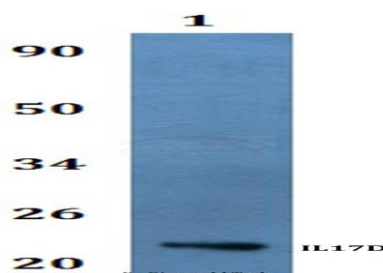
Storage&Stability:

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

Specificity:

IL17D polyclonal antibody detects endogenous levels of IL17D protein.

DATA:



Western blot (WB) analysis of IL17D polyclonal antibody at 1:500 dilution

Line1:Hela whole cell lysate

Note:

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

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