IKZF3 polyclonal antibody

Catalog: BS61559 Host: Rabbit Reactivity: Human

BackGround:

Aiolos is an Ikaros family transcription factor composed of several zinc fingers that mediate DNA binding and homodimerization or heterodimerization with other Ikaros family members. Multiple Aiolos isoforms are generated through alternative splicing of the portion of the transcript encoding the amino-terminal zinc fingers. Aiolos is expressed by lymphoid tissues, with highest expression levels seen in mature B and T cells. Ikaros family proteins control lymphocyte development by recruiting chromatin remodeling complexes to DNA. B cells from mice lacking Aiolos have a reduced threshold for activation, increased proliferation, and elevated levels of IgG and IgE. In addition, Aiolos null mice develop B cell lymphomas. In T cells, Aiolos contributes to Th17 cell differentiation by suppressing IL-2 expression. Aberrant expression of Aiolos in transformed epithelial cells promotes anchorage independence through downregulation of adhesion-related genes. Alterations in the Aiolos gene are observed in near haploid acute lymphoblastic leukemia, and the genetic locus containing Aiolos is linked to increased susceptibility to rheumatoid arthritis and systemic lupus erythematosus.

Product:

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

Molecular Weight:

~ 50, 58, 65 kDa

Swiss-Prot:

Q9UKT9

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

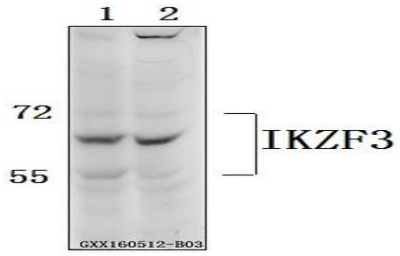
Storage&Stability:

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

Specificity:

IKZF3 polyclonal antibody detects endogenous levels of IKZF3 protein.

DATA:



Western blot (WB) analysis of IKZF3 polyclonal antibody at 1:500 dilution

Lane1:Jurkat whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Note:

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

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151