

IKZF3 Rabbit mAb

Catalog No.: A8614

Recombinant

2 Publications

Basic Information

Observed MW

50-70 kDa

Calculated MW

58 kDa

Category

Primary antibody

Applications

WB, IP, IF-P, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2781

Background

This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This gene product is a transcription factor that is important in the regulation of B lymphocyte proliferation and differentiation. Both Ikaros and Aiolos can participate in chromatin remodeling. Regulation of gene expression in B lymphocytes by Aiolos is complex as it appears to require the sequential formation of Ikaros homodimers, Ikaros/Aiolos heterodimers, and Aiolos homodimers. Several alternative transcripts encoding different isoforms have been described, as well as some non-protein coding variants.

Recommended Dilutions

WB 1:500 - 1:1000**IP** 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells**IF-P** 1:50 - 1:200**IHC-P** 1:200 - 1:800**ELISA** Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

22806

Swiss Prot

Q9UKT9

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

AIO; IMD84; AIOLOS; ZNFN1A3; IKZF3

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

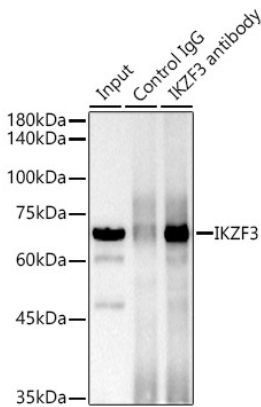
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

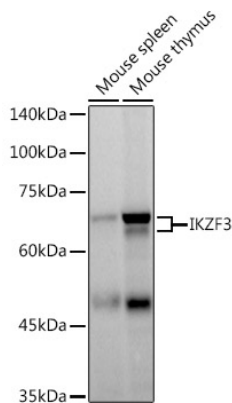
Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

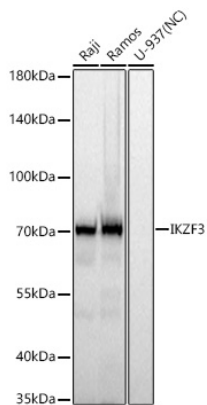
Validation Data



Immunoprecipitation analysis of 300 µg extracts of Raji cells using 3 µg IKZF3 antibody (A8614). Western blot was performed from the immunoprecipitate using IKZF3 antibody (A8614) at a dilution of 1:500.

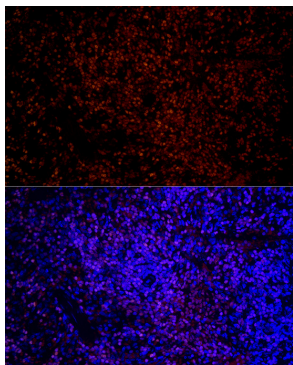


Western blot analysis of various lysates using IKZF3 Rabbit mAb (A8614) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

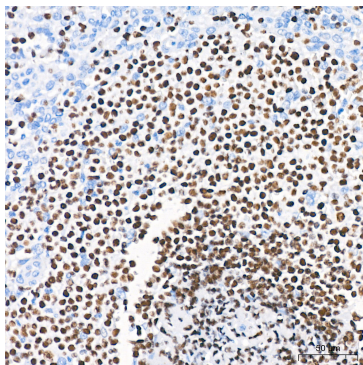


Western blot analysis of various lysates using IKZF3 Rabbit mAb (A8614) at 1:1000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): U-937. Exposure time: 45 s.

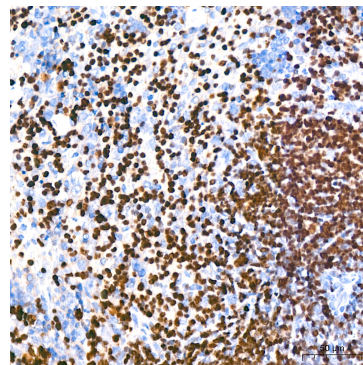
Validation Data



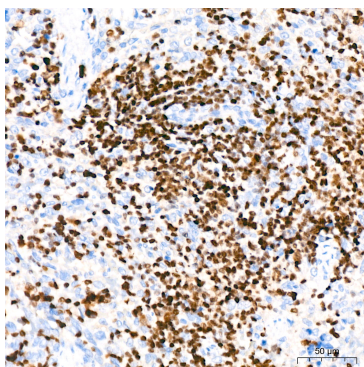
Immunofluorescence analysis of paraffin-embedded rat spleen using IKZF3 Rabbit mAb (A8614) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using IKZF3 Rabbit mAb (A8614) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using IKZF3 Rabbit mAb (A8614) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using IKZF3 Rabbit mAb (A8614) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.