

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.

Contact

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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

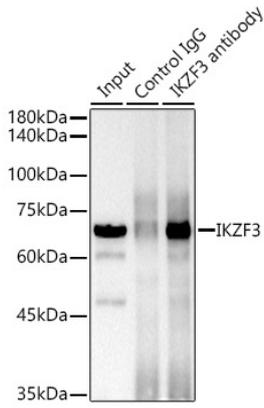
Affinity purification

Storage

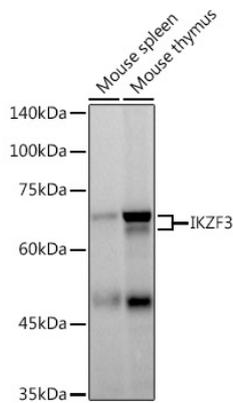
Store at -20°C. Avoid freeze / thaw cycles.

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

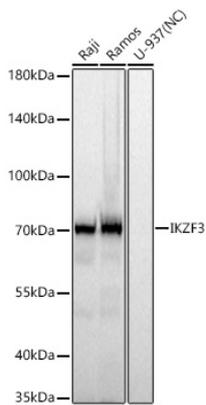
Validation Data



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.

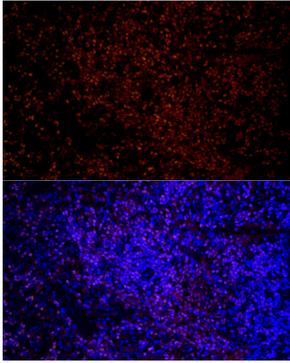


Western blot analysis of various lysates using IKZF3 Rabbit mAb (A8614) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure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

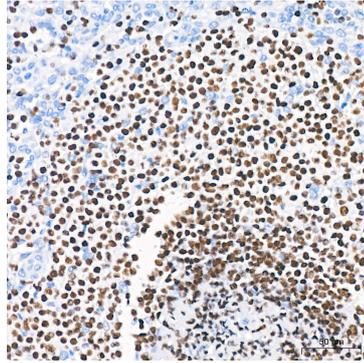


Western blot analysis of various lysates using IKZF3 Rabbit mAb (A8614) at 1:1000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.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

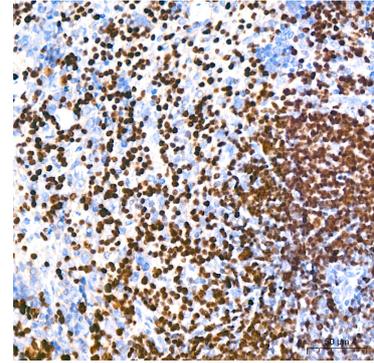
Validation Data



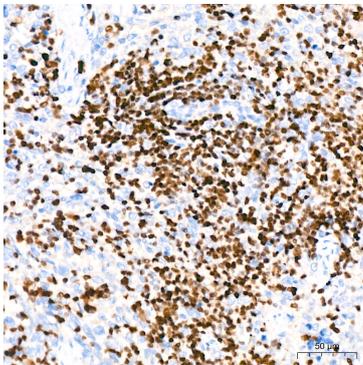
Immunofluorescence analysis of paraffin-embedded rat spleen using IKZF3 Rabbit mAb (A8614) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



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.