

Datasheet for ABIN2780886  
**anti-IKZF3 antibody (N-Term)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	IKZF3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKZF3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human IKZF3
Sequence:	KSTQEQSVPA ESAAVLNDYS LTKSHEMENV DSGEGPANED EDIGDDSMKV
Predicted Reactivity:	Cow: 86%, Dog: 86%, Human: 100%, Mouse: 86%, Pig: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against IKZF3. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

## Target Details

Target:	IKZF3
Alternative Name:	IKZF3 ( <a href="#">IKZF3 Products</a> )

## Target Details

Background:	<p>IKZF3 is a member of the Ikaros family of zinc-finger proteins. It 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. 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. At least six alternative transcripts encoding different isoforms have been described.</p> <p>Alias Symbols: AIO, AIOLOS, ZNFN1A3</p> <p>Protein Interaction Partner: STAMBPL1, EXOSC5, LGALS14, CABP5, PCID2, RCOR3, TBC1D22B, FANCL, MAGOHB, C1orf109, OAZ3, SPG21, CHCHD2, OSGIN1, POLM, PPP1R16B, ABLIM3, IKZF3, NEK6, FARS2, MRPL28, KAT5, BCAS2, AKAP9, FAM115A, EMC2, POLR1C, STX11, STK16, RAD51D, PSMA1, PRKAB2, PRKAA1, PIN</p> <p>Protein Size: 453</p>
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Molecular Weight:	52 kDa
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Gene ID:	22806
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NCBI Accession:	<a href="#">NM_183228</a> , <a href="#">NP_899051</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 453 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
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## Handling

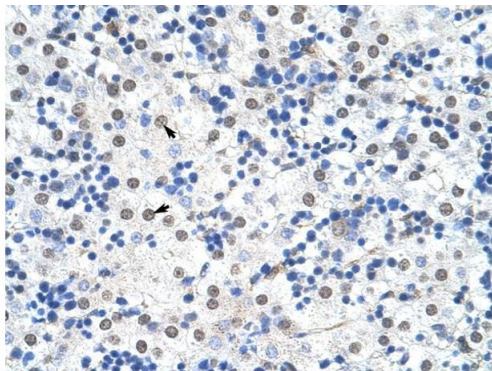
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-IKZF3 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate

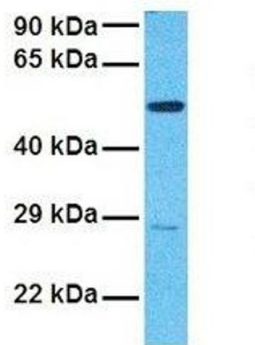


Rabbit Anti-IKZF3 Antibody  
Catalog Number: ARP39004  
Lot Number: QC10514  
Paraffin Embedded Tissue: Human Liver  
Cells with Positive label: Hepatocytes (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 2.** Human Liver

# IKZF3



## Western Blotting

**Image 3.** Host: Rabbit Target Name: IKZF3 Sample Tissue:  
Human 786-0 Antibody Dilution: 1.0ug/ml