

# Datasheet for ABIN2778395

# anti-IKZF3 antibody (Middle Region)





# Overview

Quantity:	100 μL
Target:	IKZF3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKZF3 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human IKZF3
Sequence:	YACQRRDALT GHLRTHSVEK PYKCEFCGRS YKQRSSLEEH KERCRTFLQS
Predicted Reactivity:	Cow: 92%, Dog: 92%, Guinea Pig: 92%, Horse: 92%, Human: 100%, Mouse: 92%, Rabbit: 92%, Rat: 92%, Yeast: 83%
Characteristics:	This is a rabbit polyclonal antibody against IKZF3. It was validated on Western Blot.
Purification:	Affinity Purified
Purification: Target Details	Affinity Purified
	Affinity Purified  IKZF3
Target Details	

## Target Details

Background:
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IKZF3 is a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoetic-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.

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

Protein Size: 263

Molecular Weight:

28 kDa

Gene ID:

22806

#### **Application Details**

App	lication	Notes:
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Optimal working dilution should be determined by the investigator.

Restrictions:

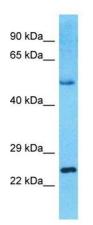
For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % 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 repeat 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**



Host: Rabbit
Target Name: IKZF3

Sample Tissue: Lymph Node Tumor Lysate

Antibody Dilution: 1.0µg/ml

### **Western Blotting**

**Image 1.** Host: Rabbit Target Name: IKZF3 Sample Type: Lymph Node Tumor lysates Antibody Dilution: 1.0ug/ml