

Datasheet for ABIN7091238 **anti-IKZF1 antibody**

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Overview

Quantity:	100 µL
Target:	IKZF1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IKZF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IKZF1
Clone:	IK3C9
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	IKZF1
Alternative Name:	IKZF1 (IKZF1 Products)
Background:	Synonyms: IKAROS family zinc finger 1 (Ikaros), PR00758, CLL associated antigen KW 6, DNA-

Target Details

binding protein Ikaros, hlk 1, hlk-1, IK1, Ikaros (zinc finger protein), IKAROS, Ikaros family zinc finger protein 1, IKZF1_HUMAN, LYF1, Lymphoid transcription factor LyF-1, zinc finger protein subfamily 1A 1, ZNFN1A1.

Background: This gene encodes a transcription factor that belongs to the family of zinc-finger DNA-binding proteins associated with chromatin remodeling. The expression of this protein is restricted to the fetal and adult hemo-lymphopoietic system, and it functions as a regulator of lymphocyte differentiation. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. Most isoforms share a common C-terminal domain, which contains two zinc finger motifs that are required for hetero- or homo-dimerization, and for interactions with other proteins. The isoforms, however, differ in the number of N-terminal zinc finger motifs that bind DNA and in nuclear localization signal presence, resulting in members with and without DNA-binding properties. Only a few isoforms contain the requisite three or more N-terminal zinc motifs that confer high affinity binding to a specific core DNA sequence element in the promoters of target genes. The non-DNA-binding isoforms are largely found in the cytoplasm, and are thought to function as dominant-negative factors. Overexpression of some dominant-negative isoforms have been associated with B-cell malignancies, such as acute lymphoblastic leukemia (ALL). [provided by RefSeq, May 2014]

Gene ID: 10320

UniProt: [Q13422](#)

Pathways: [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF()
ICC 1:100-500

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months