

Ikaros Polyclonal Antibody | anti-IKZF1 antibody

Anti-Ikaros Antibody

CATALOG # AAA46265	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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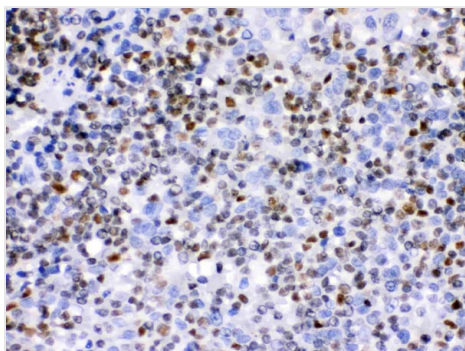
PRODUCT SYNONYMS

Ikaros; Polyclonal Antibody; Anti-Ikaros Antibody; DNA-binding protein Ikaros; CLL associated antigen KW 6; hlk 1; Hs.54452; IK1; Ikaros (zinc finger protein); IKAROS; IKAROS family zinc finger 1 (Ikaros); Ikaros family zinc finger protein 1; Ikzf1; IKZF1_HUMAN; LYF1; Lymphoid transcription factor LyF-1; PRO0758; Zinc finger protein subfamily 1A 1 (Ikaros); Zinc finger protein subfamily 1A 1; Zinc finger protein; subfamily 1A; member 1; ZNFN1A1; anti-IKZF1 antibody

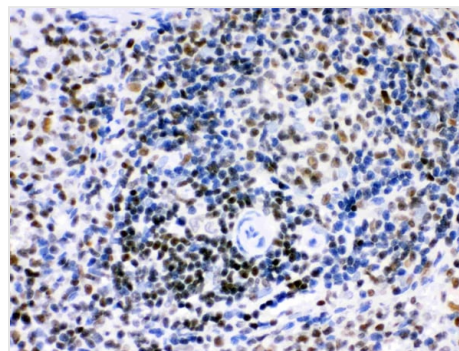
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Sequence Length	477
Applicable Applications for anti-IKZF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Ikaros (428-459aa LKEEHRAVDLLRAASENSQDALRVVSTSGEQM), different from the related mouse sequence by five amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

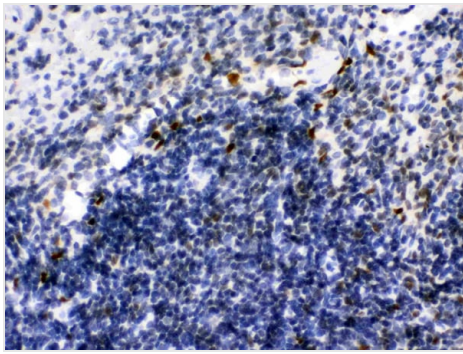
IMAGES



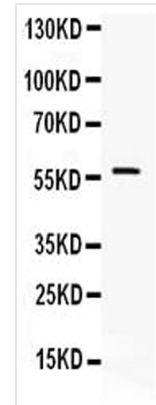
IHC (Immunohistochemistry)
Anti- Ikaros Picoband antibody, AAA46265, IHC(P)IHC(P): Human Tonsil Tissue



IHC (Immunohistochemistry)
Anti- Ikaros Picoband antibody, AAA46265, IHC(P)IHC(P): Rat Spleen Tissue



IHC (Immunohistochemistry)
Anti- Ikaros Picoband antibody, AAA46265, IHC(P)IHC(P): Mouse Spleen Tissue



WB (Western Blot)
Anti- Ikaros Picoband antibody, AAA46265, Western blottingAll lanes: Anti Ikaros (AAA46265) at 0.5ug/mlWB: HELA Whole Cell Lysate at 40ugPredicted bind size: 58KDObserved bind size: 58KD

ADDITIONAL INFORMATION

Related Product Information for anti-IKZF1 antibody	Description: Rabbit IgG polyclonal antibody for DNA-binding protein Ikaros(IKZF1) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: DNA-binding protein Ikaros is a protein that in humans is encoded by the IKZF1 gene. 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.
References	1. Georgopoulos K, Moore DD, Derfler B (December 1992). "Ikaros, an early lymphoid-specific transcription factor and a putative mediator for T cell commitment". Science 258 (5083): 808-12. 2. Hahm K, Ernst P, Lo K, Kim GS, Turck C, Smale ST (November 1994). "The lymphoid transcription factor LyF-1 is encoded by specific, alternatively spliced mRNAs derived from the Ikaros gene". Mol Cell Biol 14 (11): 7111-23.

NCBI AND UNIPROT INFORMATION

NCBI GI #	334085209
NCBI GeneID	10320
NCBI Accession #	NP_001207694.1
NCBI GenBank Nucleotide #	NM_001220765.2
UniProt Accession #	Q13422; O00598; Q53XL2; Q69BM4; Q8WVA3; A4D260; B4E0Z1; D3DVM5
Molecular Weight	24,470 Da
NCBI Official Full Name	DNA-binding protein Ikaros isoform 2
NCBI Official Synonym Full Names	IKAROS family zinc finger 1
NCBI Official Symbol	IKZF1
NCBI Official Synonym Symbols	IK1; LYF1; LyF-1; CVID13; IKAROS; PPP1R92; PRO0758; ZNFN1A1; Hs.54452
NCBI Protein Information	DNA-binding protein Ikaros

UniProt Protein Name	DNA-binding protein Ikaros
UniProt Gene Name	IKZF1
UniProt Synonym Gene Names	IK1; IKAROS; LYF1; ZNFN1A1
UniProt Entry Name	IKZF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ikaros-antibody-immunohistochemistry-western-blot-elisa/46265>