

Rabbit IKZF1 Polyclonal Antibody | anti-IKZF1 antibody

IKZF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301838	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

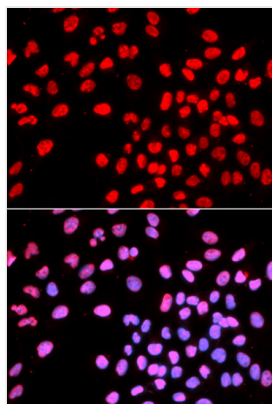
PRODUCT SYNONYMS

IKZF1; Polyclonal Antibody; IKZF1 Antibody; IK1; LYF1; hlk-1; IKAROS; PRO0758; anti-IKZF1 antibody

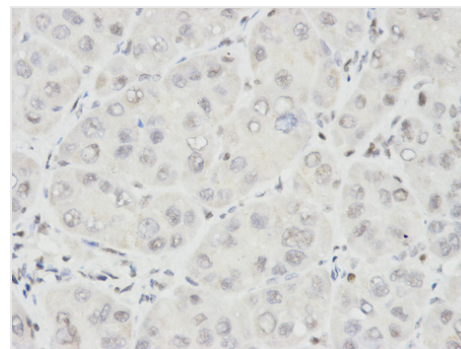
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total IKZF1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	477
Applicable Applications for anti-IKZF1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human IKZF1.
Target Name	IKZF1
Preparation and Storage	Store at -20 degree C

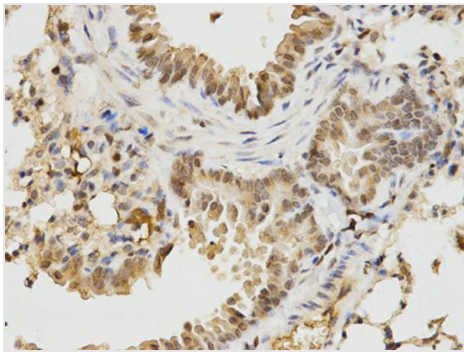
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using IKZF1 antibody. Blue: DAPI for nuclear staining.

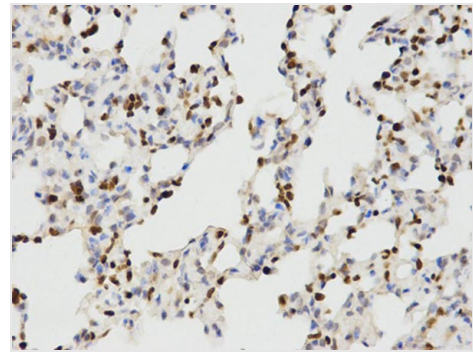

IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat lung using IKZF1 antibody at dilution of 1:100 (400x lens).



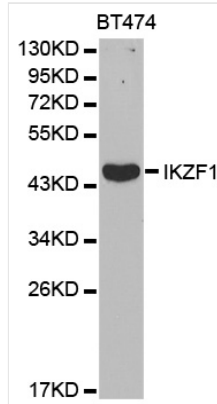
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse lung using IKZF1 antibody at dilution of 1:100 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver cancer using IKZF1 antibody at dilution of 1:100 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of BT474 cell lines, using IKZF1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IKZF1 antibody

Ikaros family proteins, characterized by the presence of an N-terminal zinc finger DNA-binding domain and a C-terminal dimerization domain, belong to the Kruppel transcription factor superfamily. The Ikaros family includes Ikaros, Aiolos, Helios, and possibly EOS and Pegasus (1). They can form homodimers and heterodimers with other members of the Ikaros family. Due to differential splicing, multiple isoforms can be generated and some behave in a dominant negative manner upon dimerization (2). Ikaros, also known as Ikaros family zinc finger protein 1 (IKZF1) and Lymphoid transcription factor 1 (LYF-1), is expressed abundantly in blood cells. Genetic studies in mice demonstrate that Ikaros is important for the normal development of B, T, natural killer, and dendritic cells, and that it functions as a tumor suppressor (3,4). Research studies have shown that imbalanced expression of different Ikaros isoforms, as well as deletions of Ikaros are associated with hematologic malignancies in humans (5-7).

Product Categories/Family for anti-IKZF1 antibody

Total protein Ab

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 (Ikaros)

NCBI Official Symbol	IKZF1
NCBI Official Synonym Symbols	IK1; LYF1; LyF-1; 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/ikzf1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301838>