

Rabbit anti-Human IKZF1 Polyclonal Antibody | anti-IKZF1 antibody

IKZF1 Antibody - middle region

CATALOG # AAA201519	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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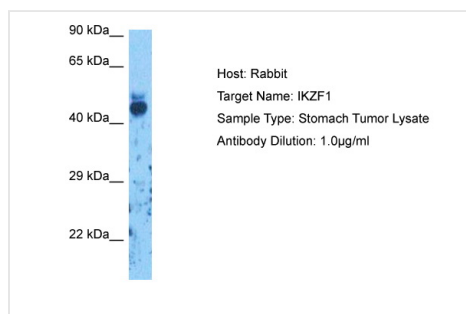
PRODUCT SYNONYMS

IKZF1; Polyclonal Antibody; IKZF1 Antibody - middle region; anti-IKZF1 antibody

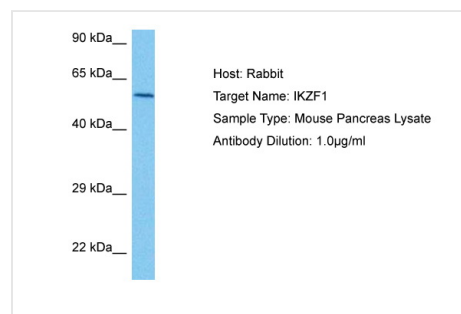
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 16% sucrose.
Sequence	Synthetic peptide with the following region: AS GEKMNGSHRD QGSSALSGVG GIRLPNGKLK CDICGIICIG PNVLMVHK
Sequence Length	388
Applicable Applications for anti-IKZF1 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human IKZF1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: Rabbit Target Name: IKZF1 Sample Tissue: Stomach Tumor lysates Antibody Dilution: 1 µg/ml


WB (Western Blot)

Host: Mouse Target Name: IKZF1 Sample Tissue: Mouse Pancreas Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-IKZF1 antibody	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).
Product Categories/Family for anti-IKZF1 antibody	Polyclonal; Transcription Factor; Cell Biology; Chromatin & Nuclear Signaling; Developmental Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	334085209
NCBI GeneID	10320
NCBI Accession #	NP_001207694.1
NCBI GenBank Nucleotide #	NM_001220765.2
UniProt Accession #	Q13422
Molecular Weight	42 kDa
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.