

Product datasheet for **TA327199**

Ikaros (IKZF1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ChIP, ICC/IF, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human IKZF1
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	IKAROS family zinc finger 1
Database Link:	NP_006051 Entrez Gene 22778 Mouse Entrez Gene 305501 Rat Entrez Gene 10320 Human Q13422



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Background:

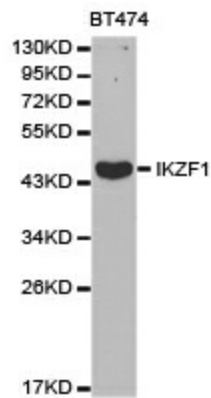
Ikaros family proteins, characterized by the presence of an N-terminal zinc finger DNA-binding domain and a C-terminal dimerization domain, belong to the Kruppel transcription factor superfamily. The Ikaros family includes Ikaros, Aiolos, Helios, and possibly EOS and Pegasus. They can form homodimers 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. 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. Research studies have shown that imbalanced expression of different Ikaros isoforms, as well as deletions of Ikaros are associated with hematologic malignancies in humans.

Synonyms:

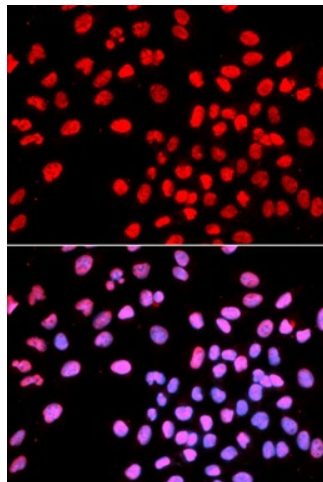
Hs.54452; IK1; IKAROS; LyF-1; LYF1; PPP1R92; PRO0758; ZNFN1A1

Protein Families:

Druggable Genome, Transcription Factors

Product images:

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



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