



Ikaros 3 Polyclonal Antibody

Catalog No	YP-Ab-01823
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	IKZF3
Immunogen	The antiserum was produced against synthesized peptide derived from human IKZF3. AA range:361-410
Specificity	Ikaros 3 Polyclonal Antibody detects endogenous levels of Ikaros 3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IKZF3;AIO;AIOLOS;IKZF 3;Zinc finger protein Aiolos;Ikaros 3;ZNFN1A3;Ikaros family zinc finger protein 3
Observed Band	62kD
Calculated Molecular Weight	62kD
Cell Pathway	Nucleus . Cytoplasm .; [Isoform 1]: Nucleus .; [Isoform 3]: Nucleus .; [Isoform 11]: Nucleus .; [Isoform 14]: Nucleus . Cytoplasm .; [Isoform 12]: Cytoplasm .
Tissue Specificity	Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus.
Function	function:Transcription factor that plays an important role in the regulation of lymphocyte differentiation.,similarity:Belongs to the Ikaros C2H2-type zinc-finger protein family.,similarity:Contains 6 C2H2-type zinc fingers.,subunit:Interacts with IKZF4 AND IKZF5.,tissue specificity:Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus.,
Background	This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte



development. This gene product is a transcription factor that is important in the regulation of B lymphocyte proliferation and differentiation. Both Ikaros and Aiolos can participate in chromatin remodeling. Regulation of gene expression in B lymphocytes by Aiolos is complex as it appears to require the sequential formation of Ikaros homodimers, Ikaros/Aiolos heterodimers, and Aiolos homodimers. Several alternative transcripts encoding different isoforms have been described, as well as some non-protein coding variants. [provided by RefSeq, Apr 2012],

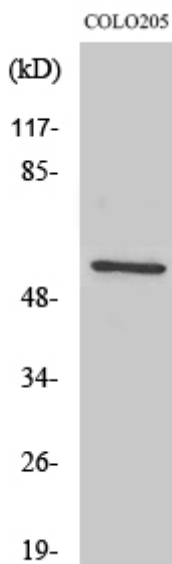
matters needing attention

Avoid repeated freezing and thawing!

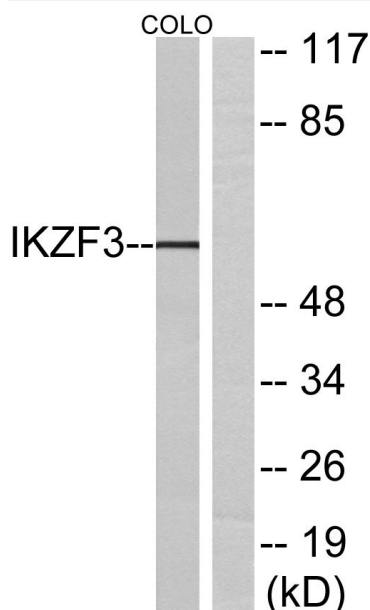
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Ikaros 3 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from COLO cells, using IKZF3 Antibody. The lane on the right is blocked with the synthesized peptide.