



Ikaros 3 rabbit pAb

Cat No.:ES2599

For research use only

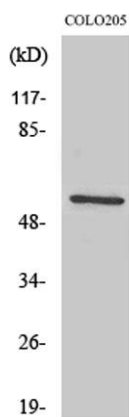
Overview

Product Name	Ikaros 3 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Zinc finger protein Aiolos
Gene Name	IKZF3
Cellular localization	Nucleus . Cytoplasm .; [Isoform 1]: Nucleus .; [Isoform 3]: Nucleus .; [Isoform 11]: Nucleus .; [Isoform 14]: Nucleus . Cytoplasm .; [Isoform 12]: Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	62kD
Human Gene ID	22806
Human Swiss-Prot Number	Q9UKT9
Alternative Names	IKZF3; ZNFN1A3; Zinc finger protein Aiolos; Ikaros family zinc finger protein 3
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

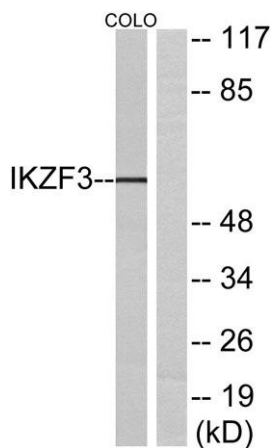




hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This gene product is a transcription factor that is important in the regulation of B lymphocyte proliferation and differentiation. Both Ikaros and Aiolos can participate in chromatin remodeling. Regulation 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],



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.

