

## Ikaros 3 rabbit pAb

**Cat#: orb765474 (Manual)**

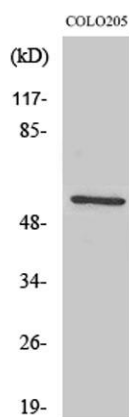
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	Ikaros 3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IKZF3. AA range:361-410
<b>Specificity</b>	Ikaros 3 Polyclonal Antibody detects endogenous levels of Ikaros 3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Zinc finger protein Aiolos
<b>Gene Name</b>	IKZF3
<b>Cellular localization</b>	Nucleus . Cytoplasm .; [Isoform 1]: Nucleus .; [Isoform 3]: Nucleus .; [Isoform 11]: Nucleus .; [Isoform 14]: Nucleus . Cytoplasm .; [Isoform 12]: Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

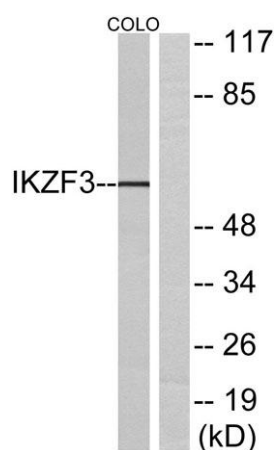
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	62kD
<b>Human Gene ID</b>	22806
<b>Human Swiss-Prot Number</b>	Q9UKT9
<b>Alternative Names</b>	IKZF3; ZNFN1A3; Zinc finger protein Aiolos; Ikaros family zinc finger protein 3

### 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, Invent biotech, MN, USA).**



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