

Ikaros antibody

Cat. No. GTX129438

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IP, ChIP assay
Reactivity	Human

References (3)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 58 kDa. ([Note](#))

Properties

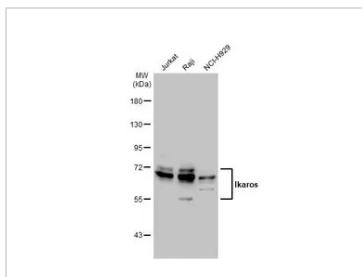
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.38 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human Ikaros. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
Note	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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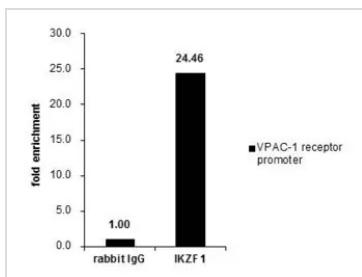
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DATA IMAGES



GTX129438 WB Image

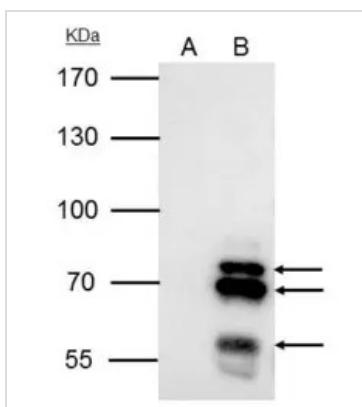
Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Ikaros antibody (GTX129438) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX129438 ChIP assay Image

Cross-linked ChIP was performed with Jurkat chromatin extract and 5 µg of either control rabbit IgG or anti-IKZF1 antibody. The precipitated DNA was detected by PCR with primer set targeting to VPAC-1 receptor promoter.

ChIP experiment and primer designs are based on [J Biol Chem. 2007 Jan 26;282\(4\):2538-47.](https://doi.org/10.1074/jbc.M612502260)



GTX129438 IP Image

IKZF1 antibody immunoprecipitates IKZF1 protein in IP experiments.

IP samples: Raji whole cell extract

A. Control with 4 µg of preimmune Rabbit IgG

B. Immunoprecipitation of IKZF1 protein by 4 µg IKZF1 antibody (GTX129438)

7.5 % SDS-PAGE

The immunoprecipitated IKZF1 protein was detected by IKZF1 antibody (GTX129438) diluted at 1:500. [EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]



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