

Product datasheet for **AP23703PU-N**

Ikaros (IKZF1) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, PEP-ELISA
Recommended Dilution:	Peptide ELISA: 1/1000. Western blot: Approx 65kDa band observed in lysates of cell line MOLT4 (calculated MW of 57.5kDa according to NP_006051.1). <u>Recommended concentration:</u> 1-3 µg/ml. Similar results were obtained with AP17016PU-N, which was developed against a different part of the protein. Immunohistochemistry on Paraffin Sections: 2.5-3.8 µg/ml. In paraffin embedded Human Tonsil shows textured staining in some nuclei of the lymphoid tissue.
Reactivity:	Bovine, Canine, Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence from the internal region of the protein sequence according to NP_006051.1.
Specificity:	This antibody recognizes IKAROS.
Formulation:	Tris buffered saline, pH~7.3 containing 0.02% Sodium Azide as preservative and 0.5% BSA as stabilizer State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	IKAROS family zinc finger 1



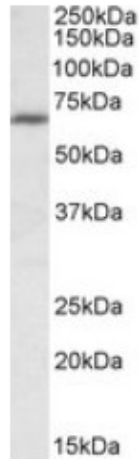
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Database Link: [Entrez Gene 10320 Human Q13422](#)

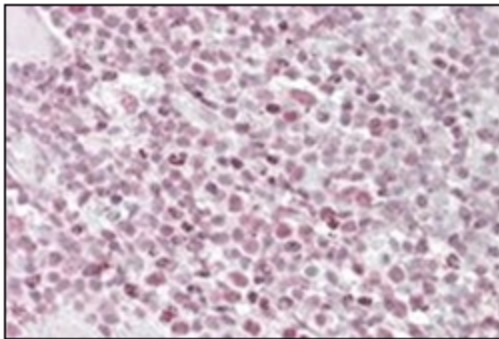
Background: DNA-binding protein IKAROS functions in the specification and the maturation of the T lymphocyte. It also interacts with a critical control element in the terminal deoxynucleotidyl transferase promoter as well as with the promoters for other genes expressed during early stages of B-cell and T-cell development.

Synonyms: IK1, LYF-1, LYF1, ZNFN1A1

Product images:



Staining of MOLT4 lysate (35ug protein in RIPA buffer) using IKAROS Antibody at 1 ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.



Staining of paraffin embedded Human Tonsil using IKAROS Antibody at 1 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.