

For Research Use Only

# IKZF4 Polyclonal antibody, PBS Only

Catalog Number: 31094-1-PBS



## Basic Information

**Catalog Number:**

31094-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG34767

**GenBank Accession Number:**

BC160169

**GeneID (NCBI):**

64375

**UNIPROT ID:**

Q9H2S9

**Full Name:**

IKAROS family zinc finger 4 (Eos)

**Observed MW:**

64-70 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## Background Information

IKZF4 is a member of the Ikaros family transcription factors. The Ikaros family was originally designated to function in hematopoiesis, but it is only recently that studies have begun to show the relevance of this family in T helper cell differentiation. IKZF3 was preferentially expressed in TH17 cells and governs TH17 differentiation by silencing IL-2 expression. By investigating the dynamics of the TH17 regulatory network, IKZF4 was proposed by Yosef et al. as a composite in the negative regulatory module for TH17. (PMID: 24644282)

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

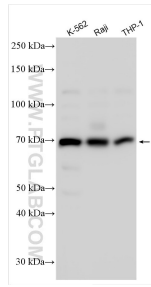
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31094-1-AP (IKZF4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31094-1-PBS in a different storage buffer formulation.