

Datasheet for ABIN5689999  
**anti-IKZF2 antibody (AA 50-100)**



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## Overview

|                      |                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 0.1 mg                                                                                                             |
| Target:              | IKZF2                                                                                                              |
| Binding Specificity: | AA 50-100                                                                                                          |
| Reactivity:          | Human, Mouse, Rat                                                                                                  |
| Host:                | Rabbit                                                                                                             |
| Clonality:           | Polyclonal                                                                                                         |
| Conjugate:           | This IKZF2 antibody is un-conjugated                                                                               |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) |

## Product Details

|               |                                                                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | IKZF2 antibody was raised against a 19 amino acid peptide near the amino terminus of human IKZF2.<br><br>The immunogen is located within amino acids 50 - 100 of IKZF2.                                               |
| Isotype:      | IgG                                                                                                                                                                                                                   |
| Specificity:  | IKZF2 antibody is human, mouse and rat reactive. At least two isoforms of IKZF2 are known to exist, this antibody will detect both isoforms. IKZF2 antibody is predicted to not cross-react with other IKZF proteins. |
| Purification: | IKZF2 antibody is affinity chromatography purified via peptide column.                                                                                                                                                |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | IKZF2                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Alternative Name: | IKZF2 ( <a href="#">IKZF2 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                             |
| Background:       | The Ikaros family zinc finger 2 (IKZF2) is a member of the Ikaros family of zinc-finger proteins, a family of hematopoietic-specific transcription factors involved in the regulation of lymphocyte development (1,2). IKZF2 forms homo- or hetero-dimers with other Ikaros family members, and is thought to function predominantly in early hematopoietic development (3). Its expression is a marker for T cell activation and proliferation (4). |
| Molecular Weight: | Predicted: 58 kDa<br><br>Observed: 60 kDa                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene ID:          | 22807                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NCBI Accession:   | <a href="#">NP_057344</a>                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt:          | <a href="#">Q9UKS7</a>                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Application Details

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | IKZF2 antibody can be used for detection of IKZF2 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. |
| Restrictions:      | For Research Use only                                                                                                                                                                               |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | IKZF2 antibody is supplied in PBS containing 0.02 % sodium azide.                                                      |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C, -20 °C                                                                                                           |
| Storage Comment:   | IKZF2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.                             |