

Datasheet for ABIN2787571  
**anti-MAFB antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | MAFB   |
| Binding Specificity: | Middle Region  |
| Reactivity:          | Human, Rat, Mouse, Cow, Guinea Pig, Zebrafish (Danio rerio), Dog, Horse, Sheep |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This MAFB antibody is un-conjugated  |
| Application:         | Western Blotting (WB)  |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human MAFB                                 |
| Sequence:             | YAQSCRYKRV QQKHHLENEK TQLIQQVEQL KQEVSRRLARE RDAYKVKCEK   |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 86% |
| Characteristics:      | This is a rabbit polyclonal antibody against MAFB. It was validated on Western Blot.                                  |
| Purification:         | Affinity Purified   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | MAFB                                   |
| Alternative Name: | MAFB ( <a href="#">MAFB Products</a> ) |

## Target Details

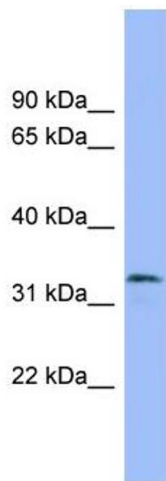
|                   |   |
|-------------------|---|
| Background:       | <p>MAFB is a basic leucine zipper (bZIP) transcription factor that plays an important role in the regulation of lineage-specific hematopoiesis. The nuclear protein represses ETS1-mediated transcription of erythroid-specific genes in myeloid cells.</p> <p>Alias Symbols: KRML, MGC43127</p> <p>Protein Interaction Partner: MAFB, FOSL1, MAF, FOS, BACH1, ATF4, IKBKE, IRF7, IRF3, ZWINT, ZFP64, ZDHHC2, DDB1, JUN, HOXD12,</p> <p>Protein Size: 323</p> |
| Molecular Weight: | 36 kDa  |
| Gene ID:          | 9935  |
| NCBI Accession:   | <a href="#">NM_005461</a> , <a href="#">NP_005452</a>   |
| UniProt:          | <a href="#">Q9Y5Q3</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 323 AA   |
| Restrictions:      | For Research Use only  |

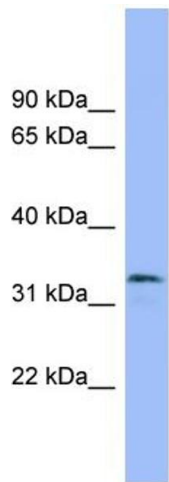
## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | Lot specific  |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.  |
| Storage:           | -20 °C  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



**Western Blotting**

**Image 1. WB Suggested Anti-MAFB Antibody Titration:**  
0.2-1 ug/ml  
**ELISA Titer:** 1:12500  
**Positive Control:** OVCAR-3 cell lysate



Rabbit Anti-MAFB Antibody  
Catalog Number: ARP58150  
Lot Number: QC24404  
Lane: OVCAR-3 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

**Western Blotting**

**Image 2. WB Suggested Anti-MAFB**  
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500  
Positive Control: OVCAR-3 cell lysate