

Datasheet for ABIN7172578
anti-MAFB antibody (AA 168-323)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	MAFB
Binding Specificity:	AA 168-323
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAFB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Transcription factor MafB protein (168-323AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	MAFB
Alternative Name:	MAFB (MAFB Products)
Background:	Background: Acts as a transcriptional activator or repressor (PubMed:27181683). Plays a pivotal role in regulating lineage-specific hematopoiesis by repressing ETS1-mediated

Target Details

transcription of erythroid-specific genes in myeloid cells. Required for monocytic, macrophage, osteoclast, podocyte and islet beta cell differentiation. Involved in renal tubule survival and F4/80 maturation. Activates the insulin and glucagon promoters. Together with PAX6, transactivates weakly the glucagon gene promoter through the G1 element. SUMO modification controls its transcriptional activity and ability to specify macrophage fate. Binds element G1 on the glucagon promoter (By similarity). Involved either as an oncogene or as a tumor suppressor, depending on the cell context.

Aliases: Kreisler antibody, Kreisler (mouse) maf related leucine zipper homolog antibody, Kreisler maf related leucine zipper homolog antibody, KRML antibody, MAF bZIP transcription factor B antibody, Maf-B antibody, Mafb antibody, MAFB/Kreisler basic region/leucine zipper transcription factor antibody, MAFB_HUMAN antibody, MGC43127 antibody, Segmentation protein KR antibody, Transcription factor MafB antibody, V maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian) antibody, V-maf musculoaponeurotic fibrosarcoma oncogene homolog B antibody

UniProt: [Q9Y5Q3](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

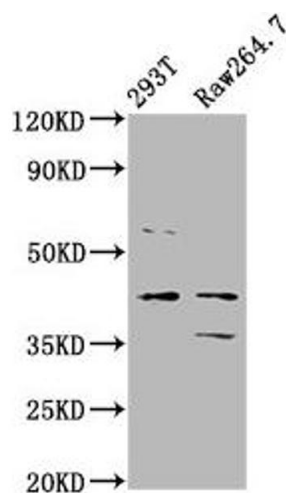
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: 293T whole cell lysate, Raw264.7 whole cell lysate All lanes: MAFB antibody at 3.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 36 kDa Observed band size: 36 kDa