

Datasheet for ABIN2783127  
**anti-MAFA antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

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

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MAFA
Sequence:	KPALEDLYWM SGYQHHLNPE ALNLTPEDAV EALIGSGHHG AHHGAHHPAA
Cross-Reactivity:	Cow: 100%, Dog: 79%, Guinea Pig: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 83%
Predicted Reactivity:	Cow: 100%, Dog: 79%, Guinea Pig: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against MAFA. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	MAFA
Alternative Name:	MAFA ( <a href="#">MAFA Products</a> )
Background:	<p>MAFA is a transcription factor that binds RIPE3b, a conserved enhancer element that regulates pancreatic beta cell-specific expression of the insulin gene (INS).MAFA is a transcription factor that binds RIPE3b, a conserved enhancer element that regulates pancreatic beta cell-specific expression of the insulin gene (INS, MIM 176730) (Olbro et al., 2002 [PubMed 12011435]).[supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1062 AC105118.23 99326-100387 c</p> <p>Alias Symbols: RIPE3b1, hMafA</p> <p>Protein Interaction Partner: Mapk14, UBC, SUMO1, NEUROD1, PDX1, MAF, MAPK1,</p> <p>Protein Size: 353</p>
Molecular Weight:	37 kDa
Gene ID:	389692
NCBI Accession:	<a href="#">NM_201589</a> , <a href="#">NP_963883</a>
UniProt:	<a href="#">Q8NHW3</a>
Pathways:	<a href="#">Hormone Transport</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 353 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

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.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-MAFA Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Placenta

### Western Blotting

**Image 2.** Host: Mouse Target Name: MAFA Sample Tissue: Mouse Testis Antibody Dilution: 1 ug/ml