

Datasheet for ABIN2775813  
**anti-MIER1 antibody (Middle Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	MIER1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIER1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MIER1
Sequence:	RRTGDEKGVE AIPEGSHIKD NEQALYELVK CNFDTEEALR RLRF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MIER1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	MIER1
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## Target Details

Alternative Name:	MIER1 ( <a href="#">MIER1 Products</a> )
Background:	<p>The association of hMI-ER1 with Sp1 represents a novel mechanism for the negative regulation of Sp1 target promoters. Results demonstrate that alternate use of a facultative intron regulates the subcellular localization of hMI-ER1 proteins and this may have important implications for hMI-ER1 function in the regulation of transcription. Repressor activity is due to interaction and recruitment of a trichostatin A-sensitive histone deacetylase 1 (HDAC1).</p> <p>Alias Symbols: ER1, MI-ER1, hMI-ER1, RP5-944N15.1</p> <p>Protein Interaction Partner: TMEM171, SOX2, HDAC2, HDAC1, EHMT2, CDYL, TUBB1, APP, ELAVL1, UBC, CREBBP, SP1,</p> <p>Protein Size: 536</p>
Molecular Weight:	49 kDa
Gene ID:	57708
NCBI Accession:	<a href="#">NM_020948</a> , <a href="#">NP_065999</a>
UniProt:	<a href="#">Q8NES5</a>
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 536 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.

Handling

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-MIER1 Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate