

Datasheet for ABIN2782386  
**anti-MORC3 antibody (N-Term)**[Go to Product page](#)**1** Image**1** Publication

## Overview

Quantity:	100 µL
Target:	MORC3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MORC3 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 MORC3
Sequence:	KLLAELDAII GKKGTRIIW NLRSYKNATE FDFEKDKYDI RIPEDLDEIT
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 100%, Horse: 79%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MORC3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	MORC3
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### Target Details

Alternative Name:	MORC3 ( <a href="#">MORC3 Products</a> )
Background:	<p>MORC3 localizes to the nuclear matrix. Also, MORC3 has RNA binding activity, and has a predicted coiled-coil domain. This gene encodes a protein that localizes to the nuclear matrix.</p> <p>The protein also has RNA binding activity, and has a predicted coiled-coil domain.</p> <p>Alias Symbols: NXP2, ZCW5, ZCWCC3</p> <p>Protein Interaction Partner: UBC, SUMO2, ROR1, KPNA2, RAD23A, Dynll1,</p> <p>Protein Size: 939</p>
Molecular Weight:	107 kDa
Gene ID:	23515
NCBI Accession:	<a href="#">NM_015358</a> , <a href="#">NP_056173</a>
UniProt:	<a href="#">Q14149</a>
Pathways:	<a href="#">Maintenance of Protein Location</a>

### Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 939 AA
Restrictions:	For Research Use only

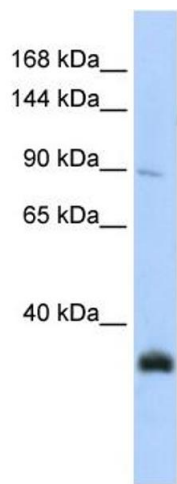
### Handling

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.

Publications

Product cited in: Takahashi, Yoshida, Murakami, Kawata, Ishizaki, Tanaka-Okamoto, Miyoshi, Zinn, Shime, Inoue:  
"Dynamic regulation of p53 subnuclear localization and senescence by MORC3." in: **Molecular  
biology of the cell**, Vol. 18, Issue 5, pp. 1701-9, (2007) ([PubMed](#)).

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-MORC3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate