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# Datasheet for ABIN2788252 anti-MAGE-Like 2 antibody (N-Term)

2 Images



Overview

Quantity:	100 µL
Target:	MAGE-Like 2 (MAGEL2)
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Dog, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAGE-Like 2 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 MAGEL2
Sequence:	MQGLFYRPQG SSKERRTSSK ERRAPSKDRM IFAATFCAPK AVSAARAHLP
Predicted Reactivity:	Cow: 83%, Dog: 100%, Human: 100%, Pig: 88%, Rabbit: 100%
Characteristics:	This is a rabbit polyclonal antibody against MAGEL2. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	MAGE-Like 2 (MAGEL2)
Alternative Name:	MAGEL2 (MAGEL2 Products)

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### Target Details

Preservative:

Precaution of Use:

Handling Advice:

Storage:

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Background:	Prader-Willi syndrome (PWS) is caused by the loss of expression of imprinted genes in
	chromosome 15q11-q13 region. Affected individuals exhibit neonatal hypotonia, developmental
	delay, and childhood-onset obesity. Necdin (NDN), a gene involved in the terminal differentiation
	of neurons, localizes to this region of the genome and has been implicated as one of the genes
	responsible for the etiology of PWS. This gene is structurally similar to NDN, is also localized to
	the PWS chromosomal region, and is paternally imprinted, suggesting a possible role for it in
	PWS.
	Alias Symbols: NDNL1, nM15
	Protein Interaction Partner: VPS35, VPS26A, USP7, TRIM27, UBC,
	Protein Size: 529
Molecular Weight:	58 kDa
Gene ID:	54551
NCBI Accession:	NM_019066
UniProt:	Q9UJ55
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 529 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.

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This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Sodium azide

-20 °C

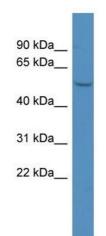
should be handled by trained staff only.

Avoid repeated freeze-thaw cycles.

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-MAGEL2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: A549 cell lysate

90 kDa\_\_\_ 65 kDa\_\_\_ 40 kDa\_\_\_ 31 kDa\_\_\_ 22 kDa\_\_

Rabbit Anti-MAGEL2 Antibody Catalog Number: ARP59891 Lot Number: QC30811 Lane: A549 Cell Lysate

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

#### Western Blotting

**Image 2.** WB Suggested Anti-MAGEL2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500 Positive Control: A549 cell lysate