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Datasheet for ABIN2783918

## anti-MBOAT7 antibody (C-Term)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	MBOAT7
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Rat, Horse, Mouse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBOAT7 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human LENG4
Sequence:	LSAYWHGLHP GYYLSFLTIP LCLAAEGRLE SALRGRLSPG GQKAWDWWVHW
Predicted Reactivity:	Dog: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against LENG4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

### Target Details

Target:	MBOAT7
Alternative Name:	LENG4 ( <a href="#">MBOAT7 Products</a> )

## Target Details

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Background: The function remains unknown.  
Alias Symbols: BB1, LRC4, LENG4, LPIAT, MBOA7, OACT7, hMBOA-7  
Protein Interaction Partner: UBC, SPTSSA, MAPK6, TMEM173, UNC93B1,  
Protein Size: 472

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Molecular Weight: 53 kDa

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Gene ID: 79143

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NCBI Accession: [NM\\_024298](#), [NP\\_077274](#)

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UniProt: [Q96N66](#)

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Pathways: [Inositol Metabolic Process](#)

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## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 472 AA

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

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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.

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## Publications

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Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck,

Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).



### Western Blotting

**Image 1.** WB Suggested Anti-LENG4 Antibody Titration:  
5.0ug/ml Positive Control: Jurkat cell lysate