

Datasheet for ABIN2783917
anti-MBOAT7 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MBOAT7
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Rat, Horse, Mouse, Cow, Guinea 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:	WWLAQYIYKS APARSYVLRS AWTMLLSAYW HGLHPGYYS FLTIPCLCAA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against LENG4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MBOAT7
Alternative Name:	LENG4 (MBOAT7 Products)

Target Details

Background:	MBOAT7 belongs to the membrane-bound acyltransferase family. It is involved in arachidonate recycling, thus regulating free arachidonic acid levels and leukotriene synthesis in neutrophils. Alias Symbols: BB1, LRC4, LENG4, LPIAT, MBOA7, OACT7, hMBOA-7 Protein Interaction Partner: UBC, SPTSSA, MAPK6, TMEM173, UNC93B1, Protein Size: 472
Molecular Weight:	53 kDa
Gene ID:	79143
NCBI Accession:	NM_024298 , NP_077274
UniProt:	Q96N66
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 472 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.



Western Blotting

Image 1. WB Suggested Anti-LENG4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human brain