

Datasheet for ABIN2784881
anti-MGLL antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MGLL
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGLL 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 MGLL
Sequence:	METGPEDPSS MPEESSPRRT PQSIPYQDLP HLVNADGQYL FCRYWKPTGT
Predicted Reactivity:	Dog: 93%, Human: 100%, Mouse: 79%, Pig: 86%, Rabbit: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against MGLL. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MGLL
Alternative Name:	MGLL (MGLL Products)
Background:	Monoglyceride lipase (MGLL, EC 3.1.1.23) functions together with hormone-sensitive lipase

Target Details

(LIPE, MIM 151750) to hydrolyze intracellular triglyceride stores in adipocytes and other cells to fatty acids and glycerol. MGLL may also complement lipoprotein lipase (LPL, MIM 238600) in completing hydrolysis of monoglycerides resulting from degradation of lipoprotein triglycerides (Karlsson et al., 2001 [PubMed 11470505]).

Alias Symbols: HU-K5, MGL, HUK5, MAGL

Protein Interaction Partner: CHGB,

Protein Size: 313

Molecular Weight: 34 kDa

Gene ID: 11343

NCBI Accession: [NM_007283](#), [NP_009214](#)

UniProt: [Q6IBG9](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Lipid Metabolism](#)

Application Details

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

Comment: Antigen size: 313 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-MGLL Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: ACHN cell lysate

Western Blotting

Image 2. WB Suggested Anti-MGLL
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500
Positive Control: ACHN cell lysate
MGLL is supported by BioGPS gene expression data to be expressed in ACHN