

Product datasheet

Anti-Monoacylglycerol Lipase antibody ab108176

1 Image

Overview

Product name	Anti-Monoacylglycerol Lipase antibody
Description	Rabbit polyclonal to Monoacylglycerol Lipase
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rabbit, Cat, Dog, Pig
Immunogen	Synthetic peptide corresponding to a region within N-terminal amino acids 1-50 (METGPEDPSSMPEESSPRRTPQSIPYQDLPHLVNADGQYLFCRYWKPTG T) of Human Monoacylglycerol Lipase (NM_007283). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	ACHN cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab108176** in the following tested applications.

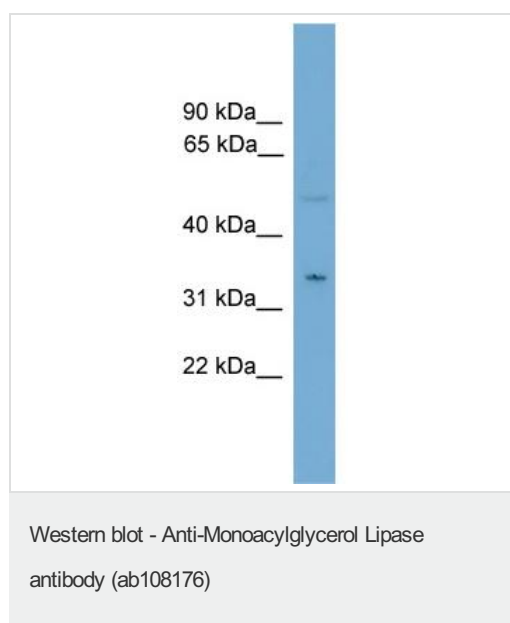
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 34 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	Converts monoacylglycerides to free fatty acids and glycerol. Hydrolyzes the endocannabinoid 2-arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociperception and perception of pain (By similarity). Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth.
Tissue specificity	Detected in adipose tissue, lung, liver, kidney, brain and heart.
Pathway	Glycerolipid metabolism; triacylglycerol degradation.
Sequence similarities	Belongs to the AB hydrolase superfamily. Monoacylglycerol lipase family.

Images



Anti-Monoacylglycerol Lipase antibody
(ab108176) at 1 µg/ml + ACHN cell lysate at
10 µg

Predicted band size: 34 kDa

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