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Datasheet for ABIN7177682

anti-METRNL antibody (AA 46-311) (Biotin)

Overview

Quantity:	100 µg
Target:	METRNL
Binding Specificity:	AA 46-311
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METRNL antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Mouse Meteorin-like protein (46-311AA)
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	METRNL
Alternative Name:	Metnrl (METRNL Products)
Background:	Background: Hormone induced following exercise or cold exposure that promotes energy expenditure. Induced either in the skeletal muscle after exercise or in adipose tissue following

Target Details

cold exposure and is present in the circulation. Able to stimulate energy expenditure associated with the browning of the white fat depots and improves glucose tolerance. Does not promote an increase in a thermogenic gene program via direct action on adipocytes, but acts by stimulating several immune cell subtypes to enter the adipose tissue and activate their prothermogenic actions. Stimulates an eosinophil-dependent increase in IL4 expression and promotes alternative activation of adipose tissue macrophages, which are required for the increased expression of the thermogenic and anti-inflammatory gene programs in fat. Required for some cold-induced thermogenic responses, suggesting a role in metabolic adaptations to cold temperatures.

Aliases: MetrnlMeteorin-like protein antibody, Subfatin antibody

UniProt: [Q8VE43](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.