

For Research Use Only

SC4MOL Recombinant antibody

Catalog Number: 84742-1-RR



Basic Information

Catalog Number:

84742-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34758

GenBank Accession Number:

BC107879

GeneID (NCBI):

6307

UNIPROT ID:

Q15800

Full Name:

sterol-C4-methyl oxidase-like

Observed MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

241988B11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse adipose tissue, mouse liver tissue, mouse small intestine tissue

Background Information

SC4MOL(sterol C4-methyl oxidase-like), an intermediate enzyme in the cholesterol biosynthetic pathway, was included in the library based on its representation in a high confidence GEO transcriptional profiling dataset as a transcript that rapidly undergoes significant expression change in response to stimulation or inhibition of EGFR. Among the validated hits that increased cell killing by common EGFR antagonists, SC4MOL was consistently one of the most effective modulators. (PMID: 23125191)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

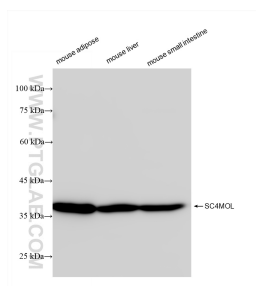
T: 4006900926

E: Proteintech-CN@ptglab.com

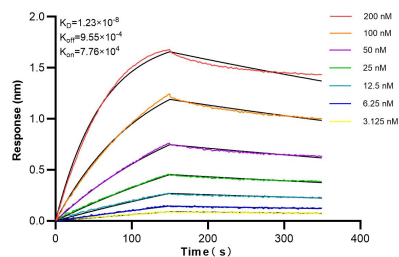
W: ptgcn.com

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Selected Validation Data



mouse adipose tissue were subjected to SDS PAGE followed by western blot with 84742-1-RR (SC4MOL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84742-1-RR against Human SC4MOL were performed. The affinity constant is 12.3 nM.