

For Research Use Only

SC4MOL Recombinant antibody

Catalog Number: 84742-1-RR



Basic Information

Catalog Number: 84742-1-RR	GenBank Accession Number: BC107879	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6307	CloneNo.: 241988B11
Source: Rabbit	UNIPROT ID: Q15800	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: sterol-C4-methyl oxidase-like	
Immunogen Catalog Number: AG34758	Observed MW: 36 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse adipose tissue, mouse liver tissue, mouse small intestine tissue
Species Specificity: human, mouse	

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

*** 20ul sizes contain 0.1% BSA

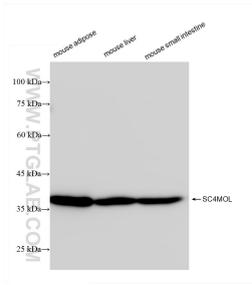
For technical support and original validation data for this product please contact:

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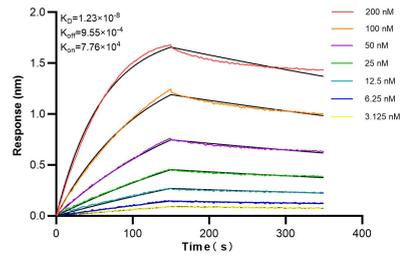
E: proteintech@ptglab.com
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Selected Validation Data



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.



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