

For Research Use Only

SC4MOL Recombinant antibody, PBS Only

Catalog Number: 84742-1-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84742-1-PBS	BC107879	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
1 mg/ml	6307	241988B11
Source:	UNIPROT ID:	
Rabbit	Q15800	
Isotype:	Full Name:	
IgG	sterol-C4-methyl oxidase-like	
Immunogen Catalog Number:	Observed MW:	
AG34758	36 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

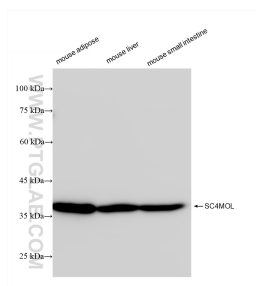
T: 4006900926

E: Proteintech-CN@ptglab.com

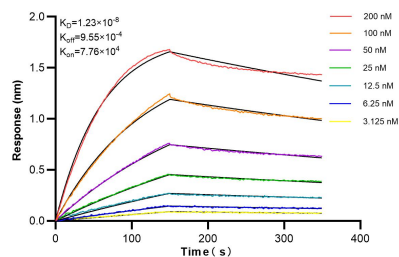
W: ptgcn.com

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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. This data was developed using the same antibody clone with 84742-1-PBS in a different storage buffer formulation.



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