

For Research Use Only

SC4MOL Polyclonal antibody

Catalog Number: 31159-1-AP



Basic Information

Catalog Number: 31159-1-AP	GenBank Accession Number: BC107879	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 6307	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q15800	
Isotype: IgG	Full Name: sterol-C4-methyl oxidase-like	
Immunogen Catalog Number: AG34758	Observed MW: 34-36 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SW 1990 cells, mouse adipose 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

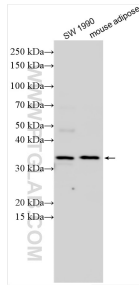
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31159-1-AP (SC4MOL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.