

For Research Use Only

MREG Polyclonal antibody

Catalog Number: 14207-1-AP



Basic Information

Catalog Number: 14207-1-AP	GenBank Accession Number: BC032747	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 55686	Recommended Dilutions: WB 1:1000-1:5000
Source: Rabbit	UNIPROT ID: Q8N565	
Isotype: IgG	Full Name: melanoregulin	
Immunogen Catalog Number: AG5416	Calculated MW: 25kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells,
Species Specificity: human	

Background Information

MREG, also known as DSU, belongs to the melanoregulin family. MREG is a small, highly charged protein thought to play a role in organelle biogenesis due to its effect on pigmentation in dilute, ashen, and leaden mutant mice (PMID: 19240024). Additionally, MREG probably functions as a cargo-recognition protein that couples cytoplasmic vesicles to the transport machinery. MREG has 2 isoforms with the molecular weights of 25 and 26 kDa.

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:

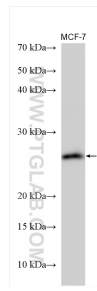
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 14207-1-AP (MREG antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.