

For Research Use Only

# MREG Polyclonal antibody

Catalog Number: 14207-1-AP



## Basic Information

<b>Catalog Number:</b> 14207-1-AP	<b>GenBank Accession Number:</b> BC032747	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55686	<b>Recommended Dilutions:</b> WB 1:1000-1:5000
<b>Source:</b> Rabbit	<b>Full Name:</b> melanoregulin	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 25kDa	
<b>Immunogen Catalog Number:</b> AG5416	<b>Observed MW:</b> 26 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells,
<b>Species Specificity:</b> 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

\*\*\* 20ul sizes contain 0.1% BSA

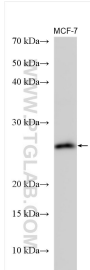
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

# 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.