

For Research Use Only

UCMA Polyclonal antibody

Catalog Number: 25503-1-AP



Basic Information

Catalog Number: 25503-1-AP	GenBank Accession Number: BC018068	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 221044	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: upper zone of growth plate and cartilage matrix associated	
Isotype: IgG	Calculated MW: 138 aa, 17 kDa	
Immunogen Catalog Number: AG21985	Observed MW: ~14 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse spleen tissue,
Species Specificity: human, mouse	

Background Information

UCMA, also named as C10orf49, Ucm-a-C and GRP, is a 17 kDa small, highly charged, and secreted protein. It has been described as a novel secretory protein mainly expressed in cartilage and also as a novel vitamin-K-dependent protein. UCMA is involved in the negative control of osteogenic differentiation of osteochondrogenic precursor cells in peripheral zones of fetal cartilage and at the cartilage-bone interface.

Storage

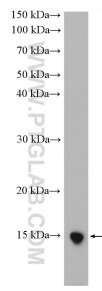
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 25503-1-AP (UCMA antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.