

For Research Use Only

# UCMA Polyclonal antibody

Catalog Number: 25503-1-AP



## Basic Information

<b>Catalog Number:</b> 25503-1-AP	<b>GenBank Accession Number:</b> BC018068	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 221044	<b>Recommended Dilutions:</b> WB 1:200-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WVF2	
<b>Isotype:</b> IgG	<b>Full Name:</b> upper zone of growth plate and cartilage matrix associated	
<b>Immunogen Catalog Number:</b> AG21985	<b>Calculated MW:</b> 138 aa, 17 kDa	
	<b>Observed MW:</b> ~14 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse spleen tissue,
<b>Species Specificity:</b> 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

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

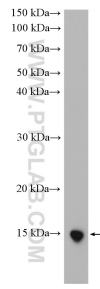
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## Selected Validation Data



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.