

For Research Use Only

UCMA Polyclonal antibody

Catalog Number: 25503-1-AP



Basic Information

Catalog Number:

25503-1-AP

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21985

GenBank Accession Number:

BC018068

GeneID (NCBI):

221044

UNIPROT ID:

Q8WVF2

Full Name:

upper zone of growth plate and cartilage matrix associated

Calculated MW:

138 aa, 17 kDa

Observed MW:

~14 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse spleen tissue,

Background Information

UCMA, also named as C10orf49, Ucma-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

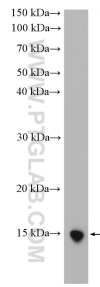
For technical support and original validation data for this product please contact:

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

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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.