

For Research Use Only

UBC9 Polyclonal antibody

Catalog Number: 51018-2-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

51018-2-AP

Size:

150ul , Concentration: 600 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC051289

GeneID (NCBI):

7329

Full Name:

ubiquitin-conjugating enzyme E2l (UBC9 homolog, yeast)

Calculated MW:

18 kDa

Observed MW:

18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, pig

Positive Controls:

WB : mouse thymus tissue,

Background Information

UBC9 is also named as UBE2l, UBCE9 and belongs to the ubiquitin-conjugating enzyme family. It is a homologue of the E2 ubiquitin conjugating enzyme and participates in the covalent linking of SUMO-1 molecule to the target protein. This protein is present at a high level in spleen and lung. Moderate level of UBC9 is detected in kidney and liver. Low amount of UBC9 is observed in brain, whereas the 18 kDa band of UBC9 is barely visible or absent in heart and skeletal muscle. In heart and muscle extracts the UBC9 antibodies recognizes a 38 kDa protein band, but this band is not visible in extracts of other rat tissues (PMID:14739995).

Notable Publications

Author	Pubmed ID	Journal	Application
Boli Hu	32876514	Autophagy	
Xu Ye	29887867	Front Immunol	WB
Tao Wang	27226613	J Biol Chem	WB

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

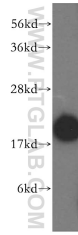
For technical support and original validation data for this product please contact:

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

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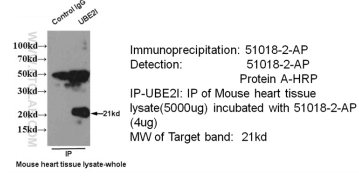
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Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 51018-2-AP (UBC9 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

IP & WB of 51018-2-AP with Mouse heart tissue



IP result of anti-UBE2I (51018-2-AP for IP and Detection) with mouse heart tissue lysate.