

UBC9 Polyclonal antibody

Catalog Number: 10224-1-AP

Basic Information

Catalog Number:

10224-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0252

GenBank Accession Number:

BC000427

GeneID (NCBI):

7329

UNIPROT ID:

P63279

Full Name:

ubiquitin-conjugating enzyme E2l
(UBC9 homolog, yeast)

Calculated MW:

18 kDa

Observed MW:

21 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : mouse spleen tissue, HEK-293 cells, human testis
tissue, Jurkat cells

IHC : human lung cancer 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).

Storage

Storage:

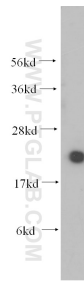
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

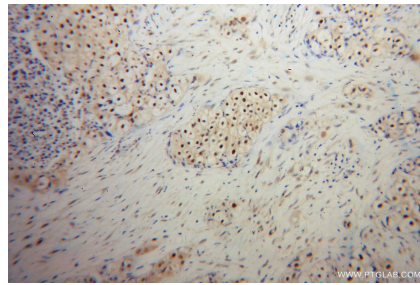
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

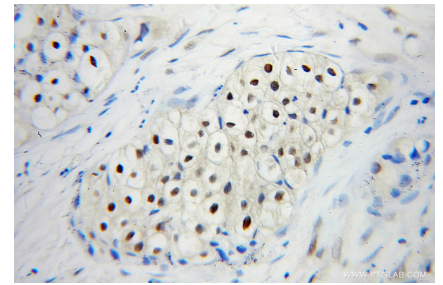
Selected Validation Data



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 10224-1-AP (UBC9 antibody) at dilution of 1:50 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 10224-1-AP (UBC9 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 10224-1-AP (UBC9 antibody) at dilution of 1:50 (under 40x lens).