

UBC9 Polyclonal Antibody

Catalog number: 10224-1-AP

Size: 63 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

UBE2I; C358B7.1, E2, UBE2I,

P18, SUMO conjugating

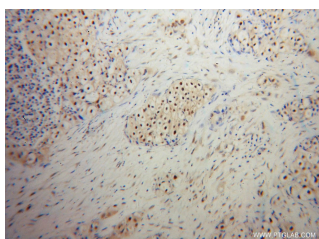
enzyme UBC9, SUMO protein

ligase, UBC9, UBCE9, UBE2I,

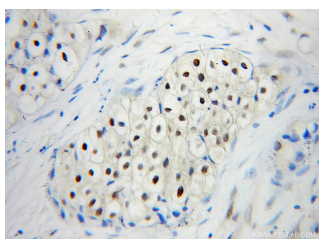
Ubiquitin carrier protein 9,

Ubiquitin carrier protein I,

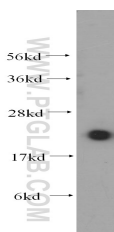
Ubiquitin protein ligase I



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



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



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 10224-1-AP (UBC9 antibody) at dilution of 1:50

Background

UBE2I is also named as UBC9, 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 UBE2I is detected in kidney and liver. Low amount of UBE2I is observed in brain, whereas the 18 kDa band of UBE2I is barely visible or absent in heart and skeletal muscle. In heart and muscle extracts the UBE2I antibodies recognizes a 38 kDa protein band, but this band is not visible in extracts of other rat tissues (PMID:14739995).

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated UBC9 MW:	18kd
Observed UBC9 MW:	21kd
Positive WB detected in	Mouse spleen tissue, HEK-293 cells, human testis tissue, Jurkat cells
Positive IHC detected in	Human lung cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0252
GenBank accession number:	BC000427
Gene ID (NCBI):	7329
Full name:	Ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.