

For Research Use Only

UBC9 Polyclonal antibody

Catalog Number: 10224-1-AP



Basic Information

Catalog Number: 10224-1-AP	GenBank Accession Number: BC000427	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 7329	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: P63279	
Isotype: IgG	Full Name: ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	
Immunogen Catalog Number: AG0252	Calculated MW: 18 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse spleen tissue, HEK-293 cells, human testis tissue, Jurkat cells IHC : human lung cancer tissue,
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	

Background Information

UBC9 is also named as UBE2I, 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

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

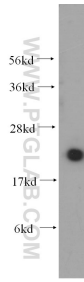
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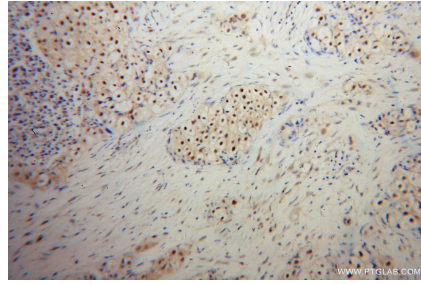
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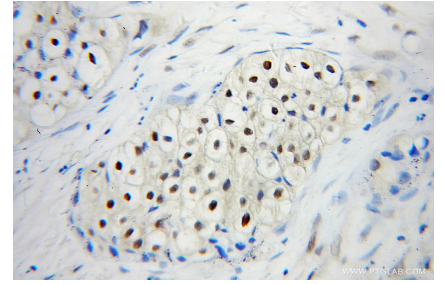
Selected Validation Data



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).