

For Research Use Only

DDB2 Polyclonal antibody

Catalog Number: 30173-1-AP



Basic Information

Catalog Number: 30173-1-AP	GenBank Accession Number: NM_000107	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 1643	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	UNIPROT ID: Q92466	
Isotype: IgG	Full Name: damage-specific DNA binding protein 2, 48kDa	
Immunogen Catalog Number: AG32811	Calculated MW: 48 kDa	
	Observed MW: 48-51 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, PC-12 cells, HCT 116 cells, HeLa cells, HepG2 cells, Jurkat cells, NIH/3T3 cells, mouse kidney tissue, mouse liver tissue
Species Specificity: Human, Mouse, Rat	

Background Information

DDB2, also named as DNA damage-binding protein 2 or UV-damaged DNA-binding protein 2, is a 427 amino acid protein, which contains seven WD repeats and belongs to the WD repeat DDB2/WD76 family. DDB2 is ubiquitously expressed, with highest levels in corneal endothelium and lowest levels in brain. DDB2 localizes in the nucleus and is required for DNA repair. DDB2 regulates negatively the constitutive expression of the SOD2 gene in breast cancer cells and exerts, at least in part, a control of breast cancer cell growth. DDB2 can play a role as oncogene and may become a promising candidate as a predictive marker in breast cancer.

Storage

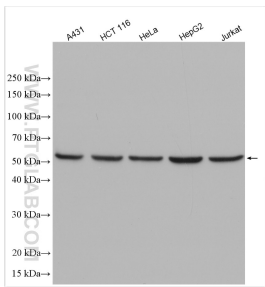
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

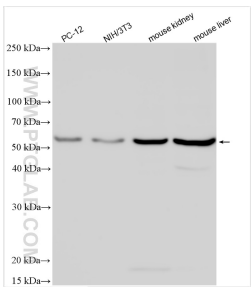
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30173-1-AP (DDB2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



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