

For Research Use Only

DDB2 Polyclonal antibody, PBS Only

Catalog Number:10431-1-PBS



Basic Information

Catalog Number:

10431-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0691

GenBank Accession Number:

BC000093

GeneID (NCBI):

1643

UNIPROT ID:

Q92466

Full Name:

damage-specific DNA binding protein

2, 48kDa

Calculated MW:

48 kDa

Observed MW:

48-50 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

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/WDR76 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

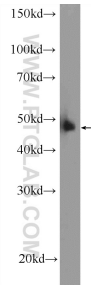
T: 4006900926

E: Proteintech-CN@ptglab.com

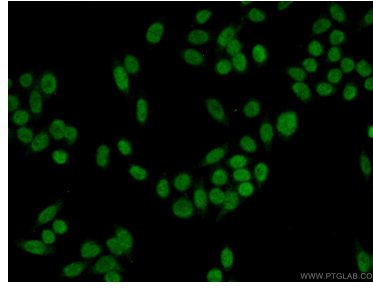
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10431-1-AP (DDB2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10431-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HeLa cells using 10431-1-AP (DDB2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 10431-1-PBS in a different storage buffer formulation.