

DDB2 Polyclonal Antibody

Catalog number: 10431-1-AP

Size: 26 µg/150 µl

Source: Rabbit

Isotype: IgG

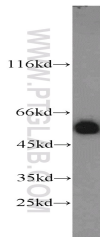
Synonyms:

DDB2; DDB p48 subunit, DDB2,

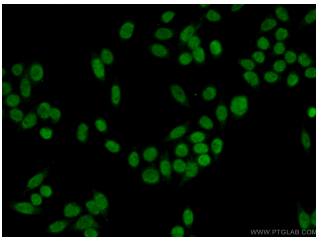
DDBB, DNA damage binding

protein 2, FLJ34321, UV DDB 2,

UV DDB2



HeLa cells were subjected to SDS PAGE followed by western blot with 10431-1-AP (DDB2 antibody) at dilution of 1:1000



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)

Background

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.

Applications

Tested applications:	ELISA, WB, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated DDB2 MW:	48 kDa
Observed DDB2 MW:	55-60 kDa
Positive WB detected in	HeLa cells, A431 cells
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IF: 1:20-1:200

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

Immunogen information

Immunogen:	Ag0691
GenBank accession number:	BC000093
Gene ID (NCBI):	1643
Full name:	Damage-specific DNA binding protein 2, 48kDa

Product information

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