

# DDB2 Rabbit pAb

Catalog No.: A21374

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

48kDa

### Category

Primary antibody

### Applications

ELISA,IF/ICC

### Cross-Reactivity

Human

## Background

This gene encodes a protein that is necessary for the repair of ultraviolet light-damaged DNA. This protein is the smaller subunit of a heterodimeric protein complex that participates in nucleotide excision repair, and this complex mediates the ubiquitylation of histones H3 and H4, which facilitates the cellular response to DNA damage. This subunit appears to be required for DNA binding. Mutations in this gene cause xeroderma pigmentosum complementation group E, a recessive disease that is characterized by an increased sensitivity to UV light and a high predisposition for skin cancer development, in some cases accompanied by neurological abnormalities. Two transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

1643

### Swiss Prot

Q92466

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-315 of human DDB2 (NP\_000098.1).

### Synonyms

XPE; DDBB; UV-DDB2; DDB2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

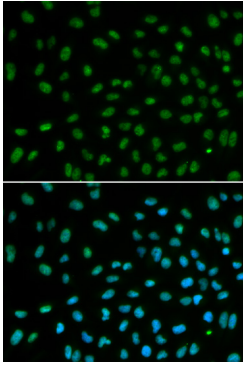
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Immunofluorescence analysis of MCF-7 cells using DDB2 antibody (A21374). Blue: DAPI for nuclear staining.