

# DDB2 Rabbit Polyclonal Antibody



CAB1848

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

48kDa

### Calculated MW:

17kDa/26kDa/40kDa/47kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

1643

### Uniprot

Q92466

### Synonyms:

DDB2; DDBB; UV-DDB2; XPE

### Immunogen:

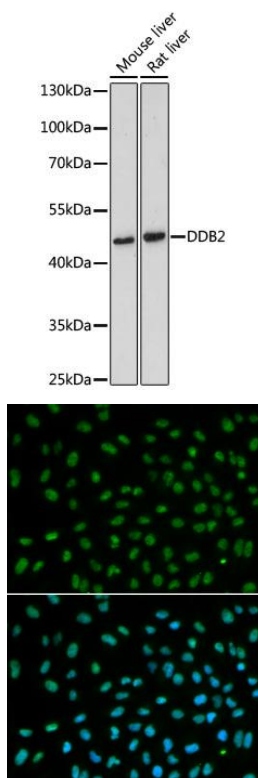
Recombinant fusion protein containing a sequence corresponding to amino acids 1-315 of human DDB2 (NP\_000098.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using DDB2 antibody (CAB1848) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunofluorescence analysis of MCF-7 cells using DDB2 antibody (CAB1848). Blue: DAPI for nuclear staining.