

Datasheet for ABIN7009799

**anti-DDB2 antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	60 µL
Target:	DDB2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDB2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human DDB2 (NP_000098.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	DDB2
Alternative Name:	DDB2 ( <a href="#">DDB2 Products</a> )
Background:	<p>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</p>

## Target Details

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.

Molecular Weight: Observed\_MW: 48 kDa  
Calculated\_MW: 17 kDa/26 kDa/40 kDa/47 kDa

Gene ID: 1643

UniProt: [Q92466](#)

Pathways: [DNA Damage Repair](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

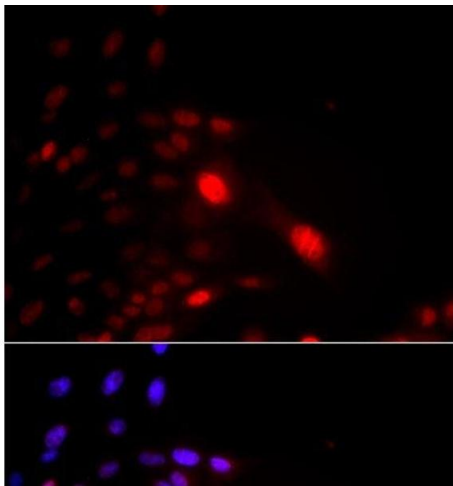
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

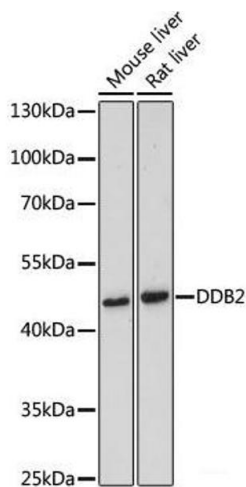
Storage: -20 °C

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



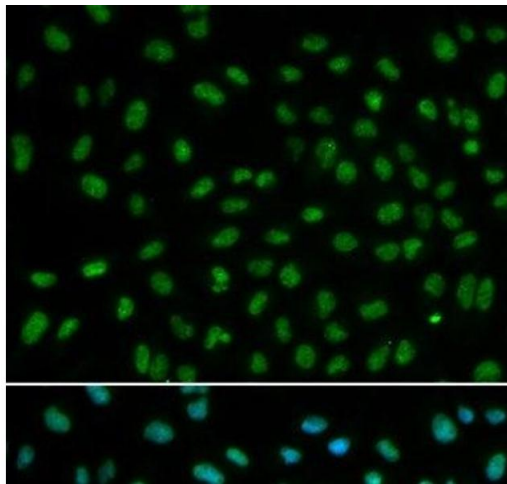
Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using DDB2 Polyclonal Antibody



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using DDB2 Polyclonal Antibody at dilution of 1:500.



Immunofluorescence

**Image 3.** Immunofluorescence analysis of MCF-7 cells using DDB2 Polyclonal Antibody