DDB2 Polyclonal Antibody

Catalog No. E-AB-60475

Note: Centrifuge before opening to ensure complete recovery of vial contents.

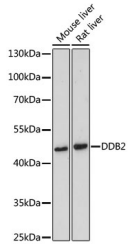
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human DDB2 (NP_000098.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

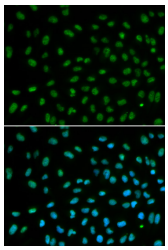
Applications — Recommended Dilution

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

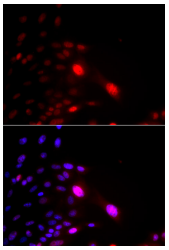
Data



Western blot analysis of extracts of various cell lines using DDB2 Polyclonal Antibody at dilution of 1:500.
Observed Mw:48kDa
Calculated Mw:17kDa/26kDa/40kDa/47kDa



Immunofluorescence analysis of MCF-7 cells using DDB2 Polyclonal Antibody



Immunofluorescence analysis of U2OS cells using DDB2 Polyclonal Antibody

Preparation & Storage

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

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

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.

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