

## DDB2 Polyclonal Antibody

Cat No: HR1AP11729

For research use only

### Overview

|                       |   |
|-----------------------|---|
| Product Name          | DDB2 Polyclonal Antibody  |
| Source                | Rabbit  |
| Applications          | WB,ELISA  |
| Species Reactivity    | Human,Mouse   |
| Recommended Dilutions |   |
| Immunogen             |   |
| Species               | Rabbit  |
| Storage               | -20°C/1 year  |
| Isotype               |   |
| Clonality             |   |
| Concentration         | 1 mg/ml   |
| Observed band         | 46kDa   |
| GeneID?Human?         | DDB2  |
| Human Swiss-Prot No.  |   |
| Cellular localization |   |
| Alternative Names     |   |
| Background            | <p>damage specific DNA binding protein 2(DDB2) Homo sapiens 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. [provided by RefSeq, Jul 2014],</p> |