

## Product datasheet for **TA364450**

### DDB2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human colorectal cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DDB2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	damage specific DNA binding protein 2
Database Link:	<a href="#">Entrez Gene 1643 Human Q92466</a>

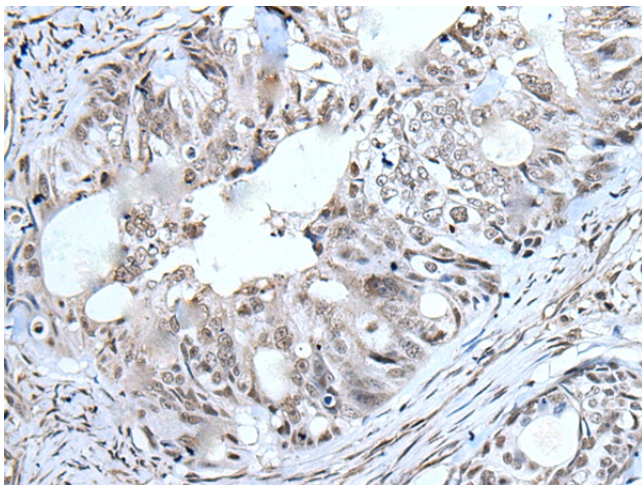
**Background:** This gene encodes a protein that is necessary for the repair of ultraviolet light-damaged DNA. This protein is the smaller subunit of a heterodimeric protein complex that participates in nucleotide excision repair, and this complex mediates the ubiquitylation of histones H3 and H4, which 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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Synonyms: DDBB; FLJ34321; UV-DDB2

**Product images:**



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA364450 (DDB2 Antibody) at dilution 1/40. (Original magnification:  $\times 200$ )