

DNAxPAb

Hard-to-Find
Antibody

DDB2 DNAxPAb

Catalog # H00001643-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DDB2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAPKKRPETQKTSEVLRPRNKRSRSPLELEPEAKKLCAGSGPSRRCDSDCLWVGLAGPQILP PCRSIVRTLHQHKLGRASWPSVQQGLQQSFLHTLDSYRILQKAAPFDRRATSLAWHPSTVAV GSKGGDIMLWNFGIKDKPTFIKGIGAGGSITGLKFNPNTNQFYASSMEGTTRLQDFKGNILRVFAS SDTINWFCSLDVSASSRMVVTGDNVGNVILLNMDGKELWNLRMHKKKVTHVALNPCCDWFLAT ASVDQTVKMDLRQVRGKASFLYSLPHRHPVNAACFSPDGARLLTTDQKSEIRVYSASQWDCPL GLIPHRHFQHLTPIKAAWHPRYNLVVG RYPDPNFKSCTPYELRTIDVFDGNSGKMMCQLYDPE SSGISSLNEFNPMGDTLASAMGYHILWSQEEARTRK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DDB2

Entrez GeneID [1643](#)

GeneBank Accession# [NM_000107.1](#)

Protein Accession# [NP_000098.1](#)

Gene Name DDB2

Gene Alias DDBB, FLJ34321, UV-DDB2

Gene Description damage-specific DNA binding protein 2, 48kDa

Omim ID [278740 600811](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations DDB p48 subunit|UV-damaged DNA-binding protein 2|damage-specific DNA binding protein 2|damage-specific DNA binding protein 2 (48kD)|xeroderma pigmentosum group E protein

Pathway

- [Nucleotide excision repair](#)
- [p53 signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Breast Neoplasms](#)

- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Supranuclear Palsy](#)
- [Urinary Bladder Neoplasms](#)