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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DDB2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001643-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human DDB2 protein.

Immunogen: DDB2 (NP_000098.1, 1 a.a. ~ 427 a.a) full-length human protein.

Sequence:
 MAPKKRPETQKTSEIVLRPRNKRSRSPLELEPEAKKLCAKGSGPSRRCD
 SDCLWVGLAGPQILPPCRSIVRTLHQHKLGRASWPSVQQGLQQSFLHT
 LDSYRILQKAAPFDRRATSLAWHPTHSTVAVGSKGGDIMLWNFGIKDK
 PTFIKGIGAGGSITGLKFNPLNTNQFYASSMEGTTRLQDFKGNILRVFASS
 DTINIWFCSLDVSASSRMVVTGDMVGNMILLNMDGKELWNLRMHKKKVT
 VALNPCCDWFLATASVDQTVKIWDLRQVRGKASFLYSLPHRHPVNAACF
 SPDGARLLTTDQKSEIRVYASQWDCPLGLIPHRHFQHLTPIKAAWHP
 RYNLIVVGRYPDPNFKSCTPYELRTIDVFDGNSGKMMMCQLYDPESGSISS
 LNEFNPMGDTLASAMGYHILWSQEEARTRK

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

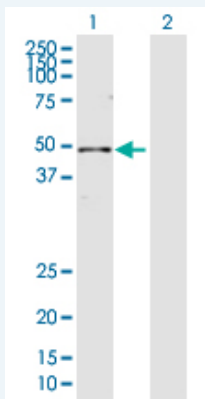
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)



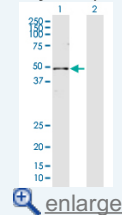
Western Blot analysis of DDB2 expression in transfected 293T cell line (H00001643-T04) by DDB2 MaxPab polyclonal antibody.

Lane 1: DDB2 transfected lysate(47.90 KDa).

Lane 2: Non-transfected lysate.

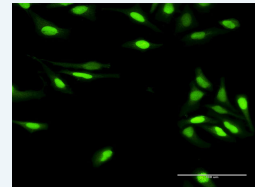
Application Image

Western Blot (Transfected lysate)



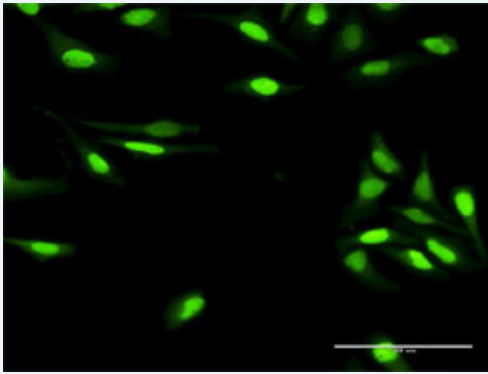
[enlarge](#)


Immunofluorescence



[enlarge](#)

Immunofluorescence



 enlarge this image

Immunofluorescence of purified MaxPab antibody to DDB2 on HeLa cell. [antibody concentration 20 ug/ml]

Gene Information

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

Gene Pathway

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

Related Disease

[Breast Neoplasms Genetic Predisposition to Disease](#) [Head and Neck Neoplasms Lung Neoplasms Multiple Sclerosis Neoplasm Recurrence, Local Neoplasms, Glandular and Epithelial Neoplasms, Second Primary Ovarian cancer Ovarian Neoplasms Supranuclear Palsy, Progressive Urinary Bladder Neoplasms](#)

