DDB1 Antibody

PACO17779

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:500-1:5000, WB:1:200-1:500, IHC:1:25-1:100

Protein Background:

The protein encoded by this gene is the large subunit (p127) of the heterodimeric DNA damage-binding (DDB) complex while another protein (p48) forms the small subunit. This protein complex functions in nucleotide-excision repair and binds to DNA following UV damage. Defective activity of this complex causes the repair defect in patients with xeroderma pigmentosum complementation group E (XPE) - an autosomal recessive disorder characterized by photosensitivity and early onset of carcinomas. However, it remains for mutation analysis to demonstrate whether the defect in XPE patients is in this gene or the gene encoding the small subunit.

Gene ID:

DDB1

Uniprot

Q16531

Synonyms:

DNA damage-binding protein 1

Immunogen:

Synthetic peptide of human DDB1.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

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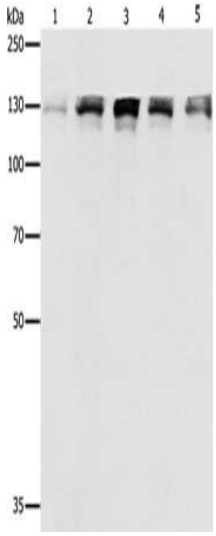
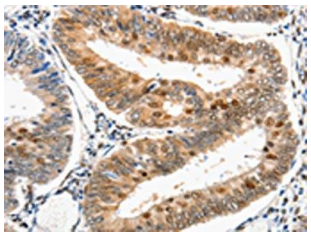
Product Images



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane 1-5: Human fetal small intestine tissue, Human liver cancer tissue, Human lymphoma tissue, 293T cells, A549 cells, Primary antibody: PACO17779(DDB1 Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 50 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO17779(DDB1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).

