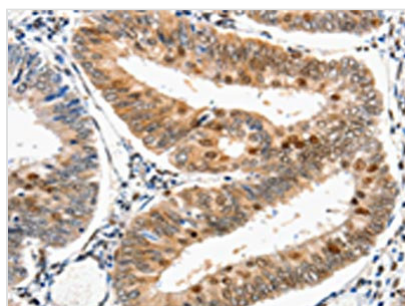


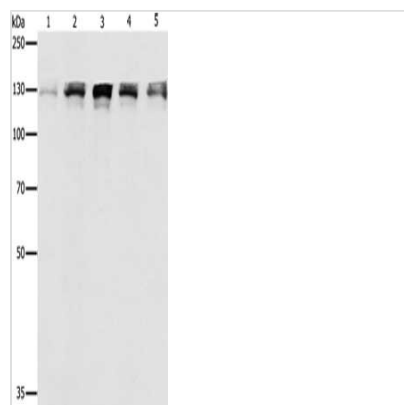
DDB1 Antibody

Product Code	CSB-PA282824
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q16531
Immunogen	Synthetic peptide of Human DDB1
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;ELISA:1:500-1:5000,WB:1:200-1:500,IHC:1:25-1:100
Relevance	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. In addition, Best vitelliform macular dystrophy is mapped to the same region as this gene on 11q, but no sequence alternations of this gene are demonstrated in Best disease patients. The protein encoded by this gene also functions as an adaptor molecule for the cullin 4 (CUL4) ubiquitin E3 ligase complex by facilitating the binding of substrates to this complex and the ubiquitination of proteins.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	DDB1

Image



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CSB-PA282824(DDB1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)



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: CSB-
 PA282824(DDB1 Antibody) at dilution 1/500,
 Secondary antibody: Goat anti rabbit IgG at
 1/8000 dilution, Exposure time: 50 seconds