

DDB1 antibody

Product Information

Catalog No.:	FNab02284
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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. 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.

Immunogen information

Immunogen:	damage-specific DNA binding protein 1, 127kDa
Synonyms:	DNA damage-binding protein 1 DDB p127 subunit DNA damage-binding protein a (DDBa) Damage-specific DNA-binding protein 1 HBV X-associated protein 1 (XAP-1) UV-damaged DNA-binding factor UV-damaged DNA-binding protein 1 (UV-DDB 1) XPE-binding factor (XPE-BF) Xeroderma pigmentosum group E-complementing protein (XPCe) DDB1 XAP1

Observed MW: 127 kDa

Uniprot ID : Q16531

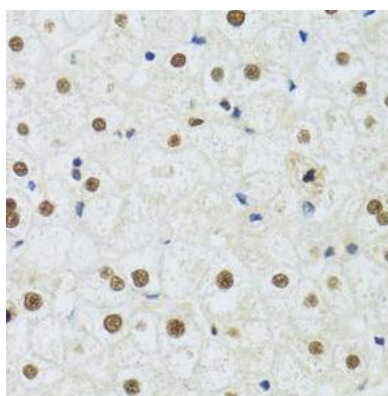
Application

Reactivity: Human, Mouse, Rat

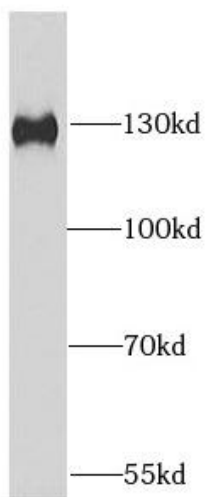
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:1000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human liver using FNab02284(DDB1 antibody) at dilution of 1:50



mouse testis tissue were subjected to SDS PAGE followed by western blot with FNab02284(DDB1 antibody) at dilution of 1:1000