

# DDB1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 1078 and 1140 of DDB1 (Uniprot ID#Q16531)
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2551983

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:10,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

## Product Specific Information

Recommended positive controls: 293T, A549, H1299, HCT116, MCF-7, Neuro2A, GL261, C8D30, PC-12.

Predicted reactivity: Mouse (100%), Rat (100%), Xenopus laevis (100%), Bovine (100%).

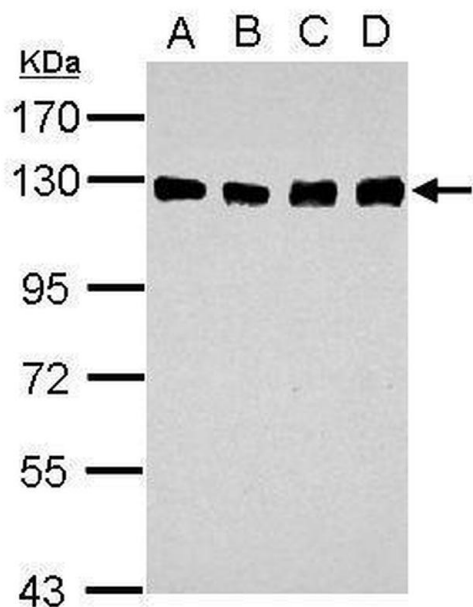
IHC notes, Requires antigen retrieval using heat mediated 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0)

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

## Product Images For DDB1 Polyclonal Antibody

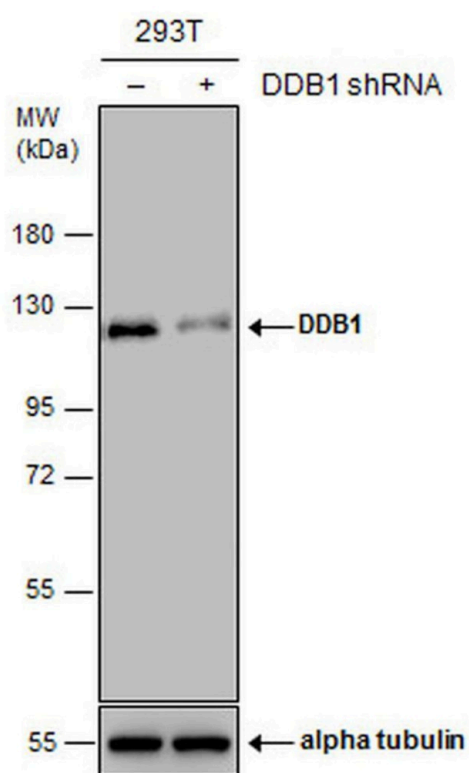
### DDB1 Antibody (PA5-34631) in WB

Western Blot analysis of DDB1 was performed by separating 30 µg of various whole cell extracts by 7.5% SDSPAGE. Proteins were transferred to a membrane and probed with a DDB1 Polyclonal Antibody (Product # PA5-34631) at a dilution of 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. A: A549, B: H1299, C: HCT116, D: MCF-7.



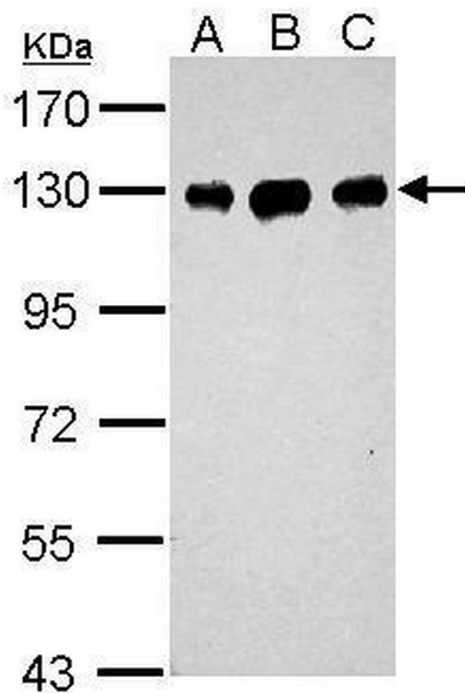
### DDB1 Antibody (PA5-34631)

Antibody specificity was demonstrated by shRNA mediated knockdown of the target protein. 293T cells were transfected with DDB1 shRNA and decrease in signal intensity was observed in western blot application using anti DDB1 Polyclonal Antibody (Product # PA5-34631). {KD}



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## 1 Reference

### Western Blot (1)

DNA repair

#### A novel DDB2 mutation causes defective recognition of UV-induced DNA damages and prevalent equine squamous cell carcinoma.

"PA5-34631 was used in Western Blot to shed new light on the mechanism of DNA recognition by UV-DDB and on the initiation of ocular malignancy."

Authors: Chen L,Bellone RR,Wang Y,Singer-Berk M,Sugasawa K,Ford JM,Artandi SE

Year  
2021

Species  
Human

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