

Datasheet for ABIN7454634
anti-DDB1 antibody (C-Term)



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Overview

Quantity:	20 µg
Target:	DDB1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-DDB1 Antibody, Affinity Purified
Immunogen:	between AA 1100 and C-term
Isotype:	IgG
Predicted Reactivity:	Rat,X. laevis,Bovine,Orangutan
Purification:	Affinity Purified

Target Details

Target:	DDB1
Alternative Name:	DDB1 (DDB1 Products)

Target Details

Background:	Background: DDB1 (DNA Damage Binding Protein 1) is a subunit of the DNA damage-binding protein complex (DDB) involved in DNA repair. As part of a complex with Cul4-based ubiquitin ligase, Cul4-Ddb1 can directly modify chromatin through the ubiquitination of histones as well as ubiquitinate other chromatin bound factors. A deficiency in Cul4-Ddb1 ubiquitin ligase has been associated with xeroderma pigmentosum, a heritable disease characterized by defects in nucleotide excision repair and skin cancer development.
Gene ID:	1642
UniProt:	Q16531 , Q13289
Pathways:	DNA Damage Repair

Application Details

Application Notes:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months