



Anti-DDB1 Antibody

Alternative Names: DNA damage-binding protein 1, DDBP1, DDB1

Catalogue Number: AA17-10043-50ug

Size: 50 µg

Background Information

DNA damage-binding protein 1 (DDB1) is the large subunit (p127) of the heterodimeric DNA damage-binding (DDB) complex. DDB1 also functions as a core component of the cullin 4 (CUL4) ubiquitin E3 ligase complex, facilitating the binding of substrates to this complex and the ubiquitination of proteins. These factors (ubiquitin ligase substrates) regulate numerous essential processes in the cell including DNA repair (DDB2), DNA replication, chromatin remodelling (Cdt2) and more.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human
Immunogen:	Partial length recombinant human DDB1 from the central region of the protein		
Format:	50 µg in 100 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	WB WB: 2-4 µg/ml		

Additional Information

Subcellular location:	Nucleus, Cytoplasm	MW:	127kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	1642	Uniprot ID:	Q16531