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DDB1 Rabbit mAb

货号: B31182

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	50kDa/126kDa
实测分子量	127kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	BT-474,SW620,293T,Mouse eye,Mouse testis,Mouse breast
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

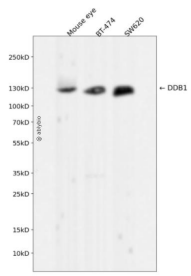
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human DDB1.
序列	EVLHAHQFLQNEYALSLVSCKLGKDPNTYFIVGTAMVYPEEAEPKQGRIVVFQYSDGKLQTVAEKEVKGAVYSMVEFNGKL LASINSTVRLYEWTTEKELR

靶点信息

研究背景	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 nucl eotide-excision repair and binds to DNA following UV damage. Defective activity of this complex causes t he 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 f or mutation analysis to demonstrate whether the defect in XPE patients is in this gene or the gene encodi ng the small subunit. In addition, Best vitelliform mascular dystrophy is mapped to the same region as thi s 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 lig ase complex by facilitating the binding of substrates to this complex and the ubiquitination of proteins.
基因**ID**	1642
基因名	DDB1
Swiss	Q16531
别名	DDB1;DDBA;UV-DDB1;XAP1;XPCE;XPE;XPE-BF

产品验证



Western blot analysis of DDB1 expressed in Mouse eye,BT-474,SW620 using DDB1 Rabbit mAb at 1:10 00. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Bl ocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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