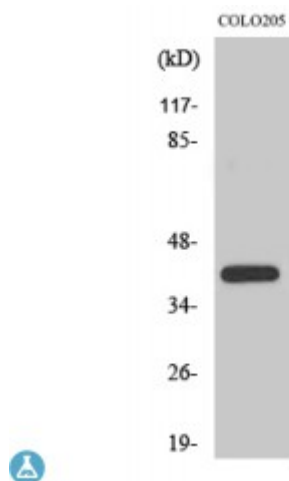


Anti-XPA antibody



Description	Rabbit polyclonal to XPA.
Model	STJ96279
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human XPA
Immunogen Region	180-260 aa, C-terminal
Gene ID	7507
Gene Symbol	XPA
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	XPA Polyclonal Antibody detects endogenous levels of XPA protein.
Tissue Specificity	Expressed in various cell lines and in skin fibroblasts.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	DNA repair protein complementing XP-A cells Xeroderma pigmentosum group A-complementing protein
Molecular Weight	40 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12814OMIM:278700
Alternative Names	DNA repair protein complementing XP-A cells Xeroderma pigmentosum group A-complementing protein
Function	Involved in DNA excision repair. Initiates repair by binding to damaged sites with various affinities, depending on the photoproduct and the transcriptional state of the region. Required for UV-induced CHEK1 phosphorylation and the recruitment of CEP164 to cyclobutane pyrimidine dimers (CPD), sites of DNA damage after UV irradiation.
Cellular Localization	Nucleus
Post-translational Modifications	ATR-dependent phosphorylation of XPA at Ser-196 is important for cell survival in response to UV damage. Ubiquitinated by HERC2 leading to degradation by the proteasome.

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