

[KO Validated] XPA Rabbit Polyclonal Antibody



CAB1626

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

37kDa

Calculated MW:

31kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Protein Background

This gene encodes a zinc finger protein involved in DNA excision repair. The encoded protein is part of the NER (nucleotide excision repair) complex which is responsible for repair of UV radiation-induced photoproducts and DNA adducts induced by chemical carcinogens. Mutations in this gene are associated with xeroderma pigmentosum complementation group A. Alternatively spliced transcript variants have been found for this gene.

Immunogen information

Gene ID:

7507

Uniprot

P23025

Synonyms:

XPA; XP1; XPAC

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

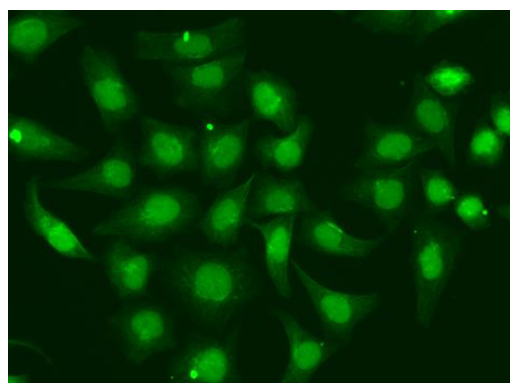
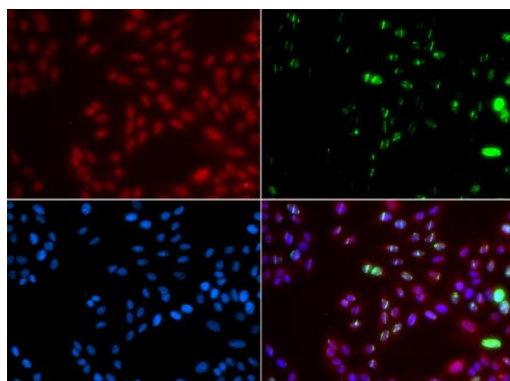
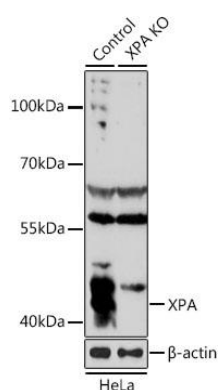
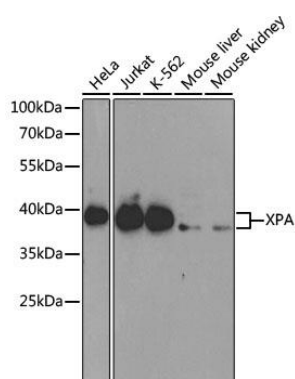
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-273 of human XPA (NP_000371.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using XPA antibody (CAB1626) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

Western blot analysis of extracts from normal (control) and XPA knockout (KO) HeLa cells, using XPA antibody (CAB1626) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.

Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using XPA antibody (CAB1626). GFP-RNF168 fusion protein expression for DNA damage marker. Blue: DAPI for nuclear staining. RNF168(GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.

Immunofluorescence analysis of A549 cells using XPA antibody (CAB1626).