

XRCC2 Rabbit pAb

Catalog NO.: A1800SP **9 Publications**

Basic Information

Observed MW

32 kDa

Calculated MW

32 kDa

Category

Polyclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

This gene encodes a member of the RecA/Rad51-related protein family that participates in homologous recombination to maintain chromosome stability and repair DNA damage. This gene is involved in the repair of DNA double-strand breaks by homologous recombination and it functionally complements Chinese hamster *irs1*, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents.

Recommended Dilutions

WB 1:1000 - 1:6000

IHC-P 1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID	Swiss Prot
7516	O43543

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

FANCU; POF17; SPGF50

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

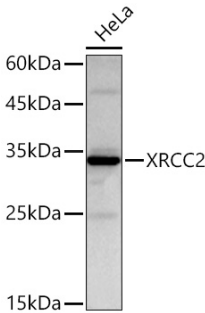
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



Western blot analysis of lysates from HeLa cells using XRCC2 Rabbit pAb (A1800SP) at 1:1000 dilution incubated overnight at 4°C.

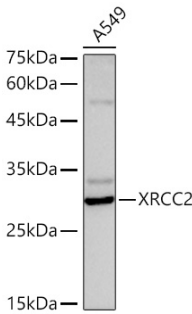
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90 s.



Western blot analysis of lysates from A549 cells using XRCC2 Rabbit pAb (A1800SP) at 1:1000 dilution incubated overnight at 4°C.

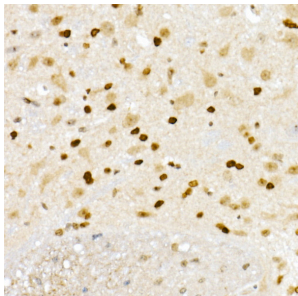
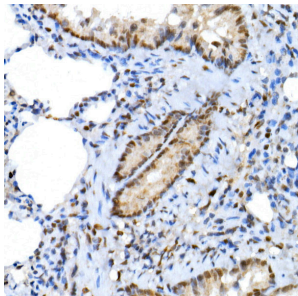
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3 s.



Immunohistochemistry analysis of paraffin-embedded Mouse spinal cord tissue using XRCC2 Rabbit pAb (A1800SP) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat lung tissue using XRCC2 Rabbit pAb (A1800SP) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.