

XRCC3 polyclonal antibody

Catalog: BS6296

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

The x-ray repair cross-complementing (XRCC) proteins are responsible for efficiently repairing and maintaining genetic stability following DNA base damage. These genes share sequence similarity with the yeast DNA repair protein Rad51. XRCC2 and XRCC3 are both involved in maintaining chromosome stability during cell division. XRCC2 is required for efficient repair of DNA double-strand breaks by homologous recombination between sister chromatids, and XRCC3 interacts directly with Rad51 to cooperate with Rad51 during recombinational repair.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 38 kDa

Swiss-Prot:

O43542

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

IHC/IF: 1:50~1:200

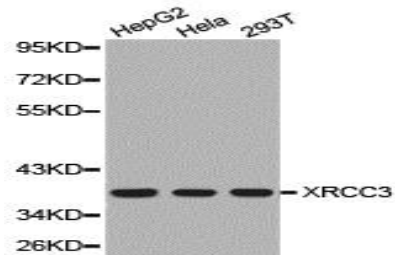
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

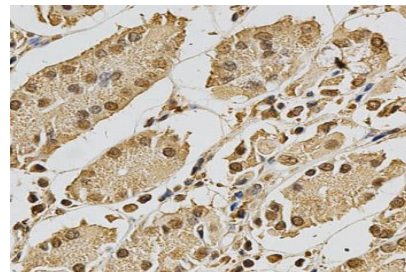
Specificity:

XRCC3 polyclonal antibody detects endogenous levels of XRCC3 protein.

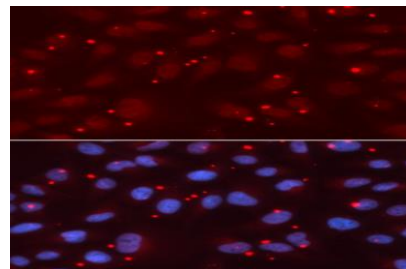
DATA:



Western blot analysis of extracts of various cell lines, using XRCC3 antibody.



Immunohistochemistry (IHC) analysis of XRCC3 polyclonal antibody in paraffin-embedded Human Stomach tissue.



Immunofluorescence analysis of U2OS cells, using XRCC3 polyclonal antibody

Note:

For research use only, not for use in diagnostic procedure.

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