

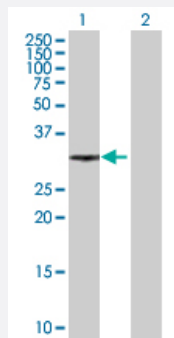
MaxPab®

XRCC2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007516-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of XRCC2 expression in transfected 293T cell line ([H00007516-T01](#)) by XRCC2 MaxPab polyclonal antibody.

Lane 1: XRCC2 transfected lysate(30.8 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human XRCC2 protein.
Immunogen	XRCC2 (NP_005422, 1 a.a. ~ 280 a.a) full-length human protein.
Sequence	MCSAFHRAESGTELLARLEGRSSLKEIEPNLFADEDSPVHGDILEFHGPEGTGKTEMLYHLTARCI LPKSEGGLEVEVLFDIDYHFDMLRLVTILEHRLSQSSEEIKYCLGRFFLVYCSSLHLLTLYSLES MFCSHPSLCLLILDLSAFYWIDRVNGGESVNLQESTLRKCSQCLEKLVNDYRLVLFATTQTIMQK ASSSSEEPSHASRRLCDVDIDYRPLYCKAWQQLVKHRMFFSKQDDSQSSNQFSLVSRCLKSNS LKKHFFIIGESGVEFC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (79)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — XRCC2

Entrez GeneID [7516](#)

GeneBank Accession# [NM_005431](#)

Protein Accession# [NP_005422](#)

Gene Name XRCC2

Gene Alias DKFZp781P0919

Gene Description X-ray repair complementing defective repair in Chinese hamster cells 2

Omim ID [600375](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations DNA repair protein XRCC2|RAD51-like|X-ray repair cross complementing protein 2|X-ray repair, complementing defective, repair in Chinese hamster

Pathway

- [Homologous recombination](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Chromosome Aberrations](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [DNA Repair-Deficiency Disorders](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)

- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Precancerous Conditions](#)
- [Pulmonary Disease](#)
- [Radiation Injuries](#)
- [Respiratory Tract Diseases](#)
- [Sarcoma](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)

- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)
- [Xeroderma Pigmentosum](#)