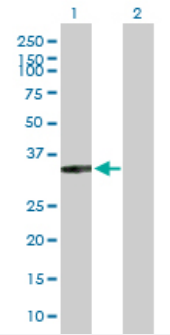
MaxPab®

XRCC2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007516-D01P Size 100 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(32.00 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human XRCC2 protein.
Immunogen	XRCC2 (NP_005422.1, 1 a.a. ~ 280 a.a) full-length human protein.
Sequence	MCSAFHRAESGTELLARLEGRSSLKEIEPNLFADEDSPVHGDILEFHGPEGTGKTEMLYHLTARCI LPKSEGGLEVEVLFIDTDYHFDMLRLVTILEHRLSQSSEEIIKYCLGRFFLVYCSSSTHLLLTLYSLES MFCSHPSLCLLILDSLSAFYWIDRVNGGESVNLQESTLRKCSQCLEKLVNDYRLVLFATTQTIMQK ASSSSEEPSHASRRLCDVDIDYRPYLCKAWQQLVKHRMFFSKQDDSQSSNQFSLVSRCLKSNS LKKHFFIIGESGVEFC
Host	Rabbit
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_005422.1
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 homol ogous recombination to maintain chromosome stability and repair DNA damage. This gene is inv olved 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 nu mber 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

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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

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- 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

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- Waldenstrom Macroglobulinemia
- Werner syndrome
- Xeroderma Pigmentosum

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