

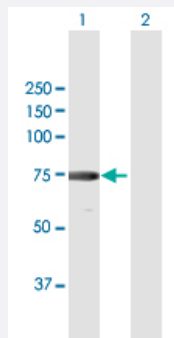
MaxPab®

XRCC6 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00002547-D01

Size 100 uL

Applications

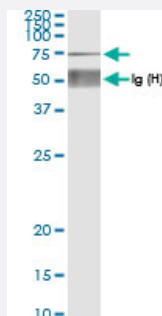


Western Blot (Transfected lysate)

Western Blot analysis of XRCC6 expression in transfected 293T cell line ([H00002547-T01](#)) by XRCC6 MaxPab polyclonal antibody.

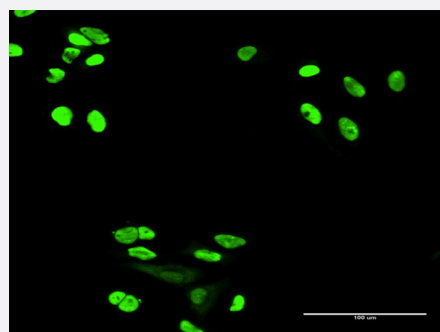
Lane 1: XRCC6 transfected lysate(69.80 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of XRCC6 transfected lysate using anti-XRCC6 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with XRCC6 MaxPab rabbit polyclonal antibody (D01) ([H00002547-D01](#)).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to XRCC6 on HeLa cell. [antibody concentration 5 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human XRCC6 protein.

Immunogen	XRCC6 (NP_001460.1, 1 a.a. ~ 609 a.a) full-length human protein.
Sequence	MSGWESYYKTEGDDEEAEQEEENLEASGDYKYSGRDSLIFLVDASKAMFESQSEDELTPFDMSI QCIQSVYISKIISDRDLLAVVFYGTEDKNSVNFKNIVLQELDNPGAKRILELDQFKGQQGQKRF QMMMGGSDYSLSEVLWVCANLFSVDVQFKMSHKRIMLFTNEDNPHGNSAKASRARTKAGDLR DTGIFLDMHLKKPGGFDISLFYRDIISIAEDEDLRVHFEESKLEDLLRKVRKETRKRALSRLKLK LNKDVISVGIYNLVQKALKPPPIKLYRETNEPVKTKTRTFNTSTGGLLLPSTKRSQYGSRQIIIEKE ETEELKRFDDPGLMLMGFKPLVLLKKHHYLRPSLFVYPEESLVIGSSTLFSALLIKCLEKEVAALCR YTPRRNIPPYFVALVPQEEELDDQKIQVTPPGFQLVFLPFADDKRKMPFTEKIMATPEQVGKMKAI VEKLRFYRSDSFENPVLQQHFRNLEALALDLMEPEQAVDLTLPKVEAMNKRLGSLVDEFKELV YPPDYNPEGKVTKRKHDNEGSGSKRPKVEYSEEELKTHISKGTLGKFTVPMLKEACRAYGLKSGL KKQELLEALTKHFQD
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of XRCC6 expression in transfected 293T cell line ([H00002547-T01](#)) by XRCC6 MaxPab polyclonal antibody.

Lane 1: XRCC6 transfected lysate(69.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of XRCC6 transfected lysate using anti-XRCC6 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with XRCC6 MaxPab rabbit polyclonal antibody (D01) ([H00002547-D01](#)).

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to XRCC6 on HeLa cell. [antibody concentration 5 ug/ml]

Gene Info — XRCC6

Entrez GeneID [2547](#)

GeneBank Accession# [NM_001469](#)

Protein Accession# [NP_001460.1](#)

Gene Name XRCC6

Gene Alias CTC75, CTCBF, G22P1, KU70, ML8, TLAA

Gene Description X-ray repair complementing defective repair in Chinese hamster cells 6

Omim ID [152690](#)

Gene Ontology [Hyperlink](#)

Gene Summary The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP P-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus. [provided by RefSeq]

Other Designations ATP-dependent DNA helicase II, 70 kDa subunit|CTC box binding factor 75 kDa subunit|Ku autoantigen p70 subunit|Ku autoantigen, 70kDa|OTTHUMP00000028581|thyroid autoantigen 70kD (Ku antigen)|thyroid autoantigen 70kDa (Ku antigen)|thyroid-lupus autoantigen

Pathway

- [Non-homologous end-joining](#)

Disease

- [Adenocarcinoma](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Central Nervous System Neoplasms](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Male Urogenital Diseases](#)
- [Micronuclei](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pterygium](#)
- [Radiodermatitis](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)