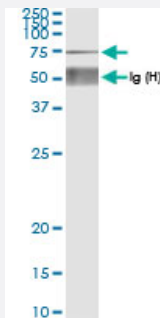


XRCC6 (Human) IP-WB Antibody Pair

Catalog # H00002547-PW1

Size 1 Set

Applications



Immunoprecipitation of XRCC6 transfected lysate using rabbit polyclonal anti-XRCC6 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-XRCC6.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83%); Rat (83%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of XRCC6 transfected lysate using rabbit polyclonal anti-XRCC6 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-XRCC6.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-XRCC6 (300 ul) 2. Antibody pair for WB: rabbit polyclonal anti-XRCC6 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — XRCC6

Entrez GeneID [2547](#)

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-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](#)