

DNAxPAb

Hard-to-Find
Antibody

XRCC6 DNAxPab

Catalog # H00002547-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human XRCC6 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MSGWESYYKTEGDEEAEEEEQEENLEASGDYKYSGRDSLIFLVDASKAMFESQSEDELTPFDMSI
 QCISVYISKIISDRDLLAVVFGTEKDKNSVNFKNIVLQELDNPGAKRILELDQFKGQQGQKRF
 QDMMGHGSDYSLSEVLWVCANLFSVQFKMSHKRIMLFTNEDNPHGNDSAKASRARTKAGDLR
 DTGIFLDMHLKKPGGFDISLFYRDIISIAEDEDLRVHFEESKLEDLLRKVRAKETRKRALSRLKLK
 LNKDIVSVGIYLVQKALKPPPIKLYRETNEPVKTKTRTFNTSTGGLLLPSDTKRSQYGSQRQILEKE
 ETEELKRFDPPGLMLMGFKPLVLLKKHHYLRPSLFVYPEESLVIGSSTLFSALLKCLEKEVAALCR
 YTPRRNIPPYFVALVPQEEELDDQKIQVTPPGFQLVFLPFADDKRKMPFTEKIMATPEQVGKMKAI
 VEKLRFTYRSDSFENPVLQQHFRNLEALALDLMEPEQAVDLTLPKVEAMNKRLGSLVDEFKELV
 YPPDYNPEGKVTKRKHDNEGSGSKRPKVEYSEEELKTHISKGTGLGFTVPMLKEACRAYGLKSGL
 KKQELLEALTKHFQD

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — XRCC6

Entrez GeneID [2547](#)

GeneBank Accession# [NM_001469.3](#)

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-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](#)