

DNAxPAb

Hard-to-Find
Antibody

RAD23B DNAxPab

Catalog # H00005887-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RAD23B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MQVTLKTLQQQTFKIDIDPEETVKALKEKIESEKGDAPFPVAGQKLIYAGKILNDDTALKEYKIDEKN FVVVMVTKPKAVSTPAPATTQQSAPASTTAVTSSTTTTVAQAPTPVPALAPTSTPASITPASATAS SEPAPASAAKQEKP AEKPAETPVATSDTSGDSSRSNLFEDATSALVTGQSYENMVTEIM SMGYEREQVIAALRASFNPDRAVEYLLMGIPGDRESQAVVDPQAASTGVPQSSAVAAAAAATT TATTTTTSSGGHPLEFLRNQPQFQQMRQIIQQNPSLLPALLQQIGRENPLLQQISQHQEHFIQMLN EPVQEAGGQGGGGGGGGGGIAEAGSGHMNYIQVTPQEKEAIERLKALGFPEGLVIQAYFACEKNE NLAANFLLQQNFDED
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 — RAD23B

Entrez GeneID [5887](#)

GeneBank Accession# [BC020973.2](#)

Protein Accession# [AAH20973.1](#)

Gene Name RAD23B

Gene Alias HHR23B, HR23B, P58

Gene Description RAD23 homolog B (S. cerevisiae)

Omim ID [600062](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is one of two human homologs of *Saccharomyces cerevisiae* Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells. [provided by RefSeq]

Other Designations

OTTHUMP00000021857|RAD23, yeast homolog of, B|UV excision repair protein RAD23 homolog B|XP-C repair complementing complex 58 kDa|XP-C repair complementing protein

Pathway

- [Nucleotide excision repair](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Ataxia telangiectasia](#)

- [Biliary Tract Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Diseases](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Ovarian cancer](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)