DNAxPAb | Hard-to-Find Antibody

RAD52 DNAxPab

Catalog # H00005893-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RAD52 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSGTEEAILGGRDSHPAAGGGSVLCFGQCQYTAEEYQAIQKALRQRLGPEYISSRMAGGGQKVC YIEGHRVINLANEMFGYNGWAHSITQQNVDFVDLNNGKFYVGVCAFVRVQLKDGSYHEDVGYGVS EGLKSKALSLEKARKEAVTDGLKRALRSFGNALGNCILDKDYLRSLNKLPRQLPLEVDLTKAKRQ DLEPSVEEARYNSCRPNMALGHPQLQQVTSPSRPSHAVIPADQDCSSRSLSSSAVESEATHQR KLRQKQLQQQFRERMEKQQVRVSTPSAEKSEAAPPAPPVTHSTPVTVSEPLLEKDFLAGVTQEL IKTLEDNSEKWAVTPDAGDGVVKPSSRADPAQTSDTLALNNQMVTQNRTPHSVCHQKPQAKSG SWDLQTYSADQRTTGNWESHRKSQDMKKRKYDPS
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 — RAD52

Entrez GeneID	5893
GeneBank Accession#	BC160123.1
Protein Accession#	AAI60123.1
Gene Name	RAD52
Gene Alias	-
Gene Description	RAD52 homolog (S. cerevisiae)
Omim ID	600392
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene shares similarity with Saccharomyces cerevisiae Rad52, a protein important for DNA double-strand break repair and homologous recombination. This gene product was shown to bind single-stranded DNA ends, and mediate the DNA-DNA interaction necessary for the annealing of complementary DNA strands. It was also found to interact with DNA recombination protein RAD51, which suggested its role in RAD51 related DNA recombination and repair. [provided by RefSeq
Other Designations	DNA repair protein RAD52|RAD52 homolog|recombination protein RAD52|rhabdomyosarcoma antigen MU-RMS-40.23

Pathway

- Homologous recombination

Disease

- Adenocarcinoma
- Ataxia telangiectasia
- Brain Neoplasms
- Breast cancer

- Breast Neoplasms
- Carcinoma
- Colorectal Neoplasms
- DNA Damage
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Glioma
- Head and Neck Neoplasms
- Kidney Failure
- Lung Neoplasms
- Meningeal Neoplasms
- Meningioma
- Multiple Sclerosis
- Neoplasms
- Neuroma
- Ovarian cancer
- Ovarian Neoplasms
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Stomach Neoplasms
- Thyroid Neoplasms
- Urinary Bladder Neoplasms
- Werner syndrome