

DNAxPAb

Hard-to-Find
Antibody

RRM1 DNAxPab

Catalog # H00006240-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human RRM1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MHVIKRDGRQERVMFDKITSRIQKLCYGLNMDFVDPAQITMKVIQGLYSGVTTVELDTLAAETAATL
TTKHPDYAILAARIAVSNLHKETKKVFSVDMEDLYNINPHNGKHSPMVAKSTLDIVLANKDRLNSAI
YDRDFSYNFYGFKTLERSYLLKINGKVAERPQHMLMRVSVGIHKEDIDAAIETYNLLSERWFTTHASP
TLFNAGTNRPQLSSCFLLSMKDDSIIEGYDTLKQCALISKSAAGGIGVAVSCIRATGSYIAGTNGNSNG
LVPMRLRVYNNRTARYVDQGGNKRPGAFAYLEPWHLDFEFLDLKKNTGKEEQRARDLFFALWIPDL
FMKRVETNQDWSLMCPNECPGLDEVWGEEFEKLYASYEKQGRVRKVVKAAQQLWYAIIESQTET
GTPYMLYKDSCNRKSNQQNLGTIKCSNLCTEIVEYTSKDEVAVCNLASLALNMVVTSEHTYDFKKL
AEVTKVVVRNLNKIIDINYPVPEACLSNKRHRPIGIGVQGLADAFILMRYPFESAEQAQLLNKQIFETIY
YGALEASCDLAKEQGPYETIEGSPVSKGILQYDMWNVTPDLDWDWVKVLKEKIAKYGIRNSLLIAPM
PTASTAQILGNNEIEPYTSNIYTRRVLSGEFQV/NPHLLKDLTERGLWHEEMKNQIIACNGSIQSIPEI
PDDLKQLYKTVWEISQKTVLKMAAERGAFIDQSQSLNIHIAEPNYGKLTSMHFYGWKQGLKTGMY
LRTRPAANPIQFTLNKEKLKDKEKVSKEEEEKERNTAAMVCSLENRDECLMCGS

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 — RRM1

Entrez GeneID [6240](#)

GeneBank Accession# [NM_001033.2](#)

Protein Accession# [NP_001024.1](#)

Gene Name RRM1

Gene Alias R1, RIR1, RR1

Gene Description ribonucleotide reductase M1

Omim ID [180410](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes one of two non-identical subunits that constitute ribonucleoside-diphosphate reductase, an enzyme essential for the production of deoxyribonucleotides prior to DNA synthesis in S phase of dividing cells. It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region. [provided by RefSeq]

Other Designations ribonucleoside-diphosphate reductase M1 chain|ribonucleotide reductase M1 polypeptide|ribonucleotide reductase, R1 subunit|ribonucleotide reductase, large subunit

Pathway

- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)

- [Pyrimidine metabolism](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Pancreatic Neoplasms](#)