DNAxPAb | Hard-to-Find Antibody

RRM2 DNAxPab

Catalog # H00006241-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RRM2 DNA using DNAx™ Immune tec hnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLSLRVPLAPITDPQQLQLSPLKGLSLVDKENTPPALSGTRVLASKTARRIFQEPTEPKTKAAAPG VEDEPLLRENPRRFVIFPIEYHDIWQMYKKAEASFWTAEEVDLSKDIQHWESLKPEERYFISHVLA FFAASDGIVNENLVERFSQEVQITEARCFYGFQIAMENIHSEMYSLLIDTYIKDPKEREFLFNAIETMP CVKKKADWALRWIGDKEATYGERVVAFAAVEGIFFSGSFASIFWLKKRGLMPGLTFSNELISRDE GLHCDFACLMFKHLVHKPSEERVREIIINAVRIEQEFLTEALPVKLIGMNCTLMKQYIEFVADRLMLE LGFSKVFRVENPFDFMENISLEGKTNFFEKRVGEYQRMGVMSSPTENSFTLDADF
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 — RRM2

Entrez GeneID	6241
GeneBank Accession#	NM_001034.1
Protein Accession#	NP_001025.1
Gene Name	RRM2
Gene Alias	R2, RR2M
Gene Description	ribonucleotide reductase M2 polypeptide
Omim ID	180390
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of two non-identical subunits for ribonucleotide reductase. This reductase catalyzes the formation of deoxyribonucleotides from ribonucleotides. Synthesis of the encoded p rotein (M2) is regulated in a cell-cycle dependent fashion. Transcription from this gene can initiate from alternative promoters, which results in two isoforms that differ in the lengths of their N-termini. Related pseudogenes have been identified on chromosomes 1 and X. [provided by RefSeq
Other Designations	ribonucleotide reductase M2 subunit

Pathway

- Glutathione metabolism
- Metabolic pathways
- p53 signaling pathway
- Purine metabolism
- Pyrimidine metabolism

Disease

- Abortion

- Adenocarcinoma
- Genetic Predisposition to Disease
- Pancreatic Neoplasms