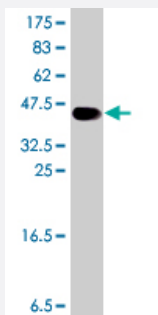


RRM2 polyclonal antibody (A01)

Catalog # H00006241-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant RRM2.
Immunogen	RRM2 (NP_001025, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag.
Sequence	MLSLRVPLAPITDPQQQLQLSPLKGLSLVDKENTPPALSGTRVLASKTARRIFQEPTPKTKAAAPG VEDEPLLRENPRRFVIFPIEYHDWQMYKAEASFWTAEVDLS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RRM2

Entrez GeneID [6241](#)

GeneBank Accession# [NM_001034](#)

Protein Accession# [NP_001025](#)

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 protein (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](#)