

## ARG66766 anti-RRM1 antibody [SQab20199]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Recombinant Rabbit Monoclonal antibody [SQab20199] recognizes RRM1
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Monoclonal
Clone	SQab20199
Isotype	IgG
Target Name	RRM1
Species	Human
Immunogen	Synthetic peptide within aa. 700-800 of Human RRM1.
Conjugation	Un-conjugated
Alternate Names	Ribonucleoside-diphosphate reductase large subunit; R1; EC 1.17.4.1; Ribonucleoside-diphosphate reductase subunit M1; Ribonucleotide reductase large subunit; RIR1; RR1

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200
	WB	1:500 - 1:1000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). WB: for mouse and rat samples, maybe more antibody is needed, and mouse and rat samples were tested only by WB. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Breast carcinoma tissue.	
Observed Size	90 kDa	

### Properties

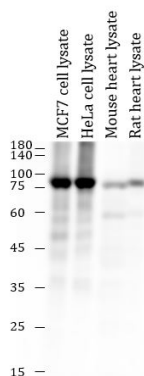
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

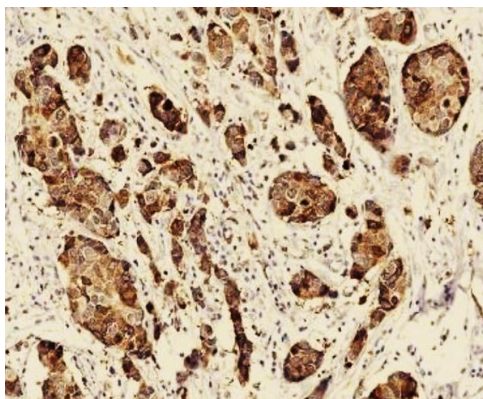
Gene Symbol	RRM1
Gene Full Name	ribonucleotide reductase M1
Background	This gene encodes the large and catalytic subunit of ribonucleotide reductase, an enzyme essential for the conversion of ribonucleotides into deoxyribonucleotides. A pool of available deoxyribonucleotides is important for DNA replication during S phase of the cell cycle as well as multiple DNA repair processes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]
Function	Provides the precursors necessary for DNA synthesis. Catalyzes the biosynthesis of deoxyribonucleotides from the corresponding ribonucleotides. [UniProt]
Calculated Mw	90 kDa
Cellular Localization	Cytoplasm. [UniProt]

## Images



ARG66766 anti-RRM1 antibody [SQab20199] WB image (Customer's Feedback)

Western blot: MCF7 cell lysate, HeLa cell lysate, Mouse heart lysate and Rat heart lysate stained with ARG66766 anti-RRM1 antibody [SQab20199] at 1:1000 dilution.



ARG66766 anti-RRM1 antibody [SQab20199] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human breast carcinoma tissue. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). The tissue section was stained with ARG66766 anti-RRM1 antibody [SQab20199] at 18°C - 25°C for 30 minutes.