

ARG57694 anti-RRM1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RRM1
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RRM1
Species	Human
Immunogen	Recombinant protein 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
	ICC/IF	1:50 - 1:200
	IP	1:20 - 1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse spleen	

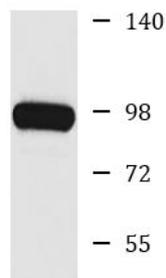
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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 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, adrenocrotical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region. [provided by RefSeq, Jul 2008]
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]

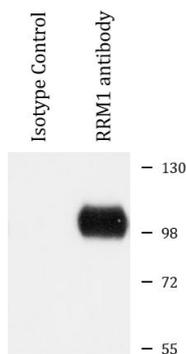
Images



Mouse spleen

ARG57694 anti-RRM1 antibody WB image

Western blot: 25 µg of Mouse spleen lysate stained with ARG57694 anti-RRM1 antibody at 1:1000 dilution.



ARG57694 anti-RRM1 antibody IP image

Immunoprecipitation: 200 µg extracts of HeLa cells were immunoprecipitated and stained with ARG57694 anti-RRM1 antibody at 1:500 dilution.