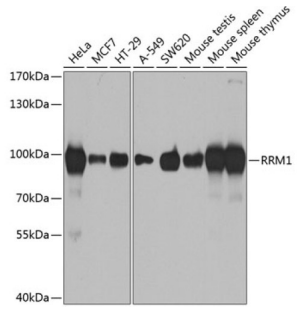
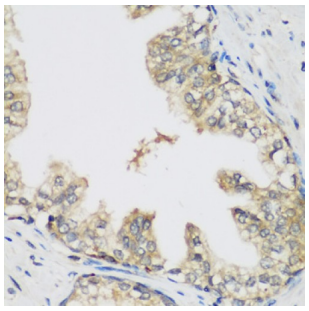
Ribonucleoside-Diphosphate Reductase Large Subunit (RRM1) Antibody

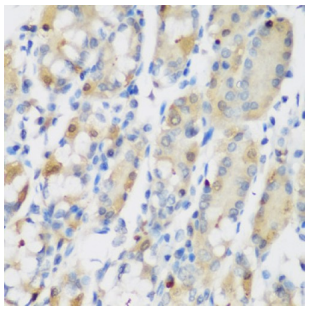
Catalogue No.:abx001066



Western blot analysis of extracts of various cell lines using RRM1 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Human prostate using RRM1 Antibody (1/200 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using RRM1 Antibody (1/200 dilution, 40x lens).

RRM1 Antibody is a Rabbit Polyclonal antibody against RRM1. 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.

Target:	Ribonucleoside-Diphosphate Reductase Large Subunit (RRM1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC

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Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human RRM1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P23921 (UniProt, ExPASy)
Gene Symbol:	RRM1
GeneID:	6240
NCBI Accession:	NP_001024.1
KEGG:	hsa:6240
String:	9606.ENSP00000300738
Molecular Weight:	Calculated MW: 90 kDa Observed MW: 90 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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