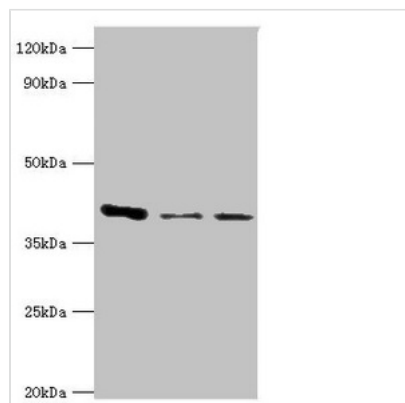




RRM2B Antibody

Product Code	CSB-PA745339ESR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q7LG56
Immunogen	Recombinant Human Ribonucleoside-diphosphate reductase subunit M2 B protein (1-351AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IP; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000
Relevance	Plays a pivotal role in cell survival by repairing damaged DNA in a p53/TP53-dependent manner. Supplies deoxyribonucleotides for DNA repair in cells arrested at G1 or G2. Contains an iron-tyrosyl free radical center required for catalysis. Forms an active ribonucleotide reductase (RNR) complex with RRM1 which is expressed both in resting and proliferating cells in response to DNA damage.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Ribonucleoside-diphosphate reductase subunit M2 B (EC 1.17.4.1) (TP53-inducible ribonucleotide reductase M2 B) (p53-inducible ribonucleotide reductase small subunit 2-like protein) (p53R2), RRM2B, P53R2
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	RRM2B

Image



Western blot

All lanes: E3 Ribonucleoside-diphosphate reductase subunit M2 B antibody at 6μg/ml

Lane 1: MCF-7 whole cell lysate

Lane 2: Hela whole cell lysate

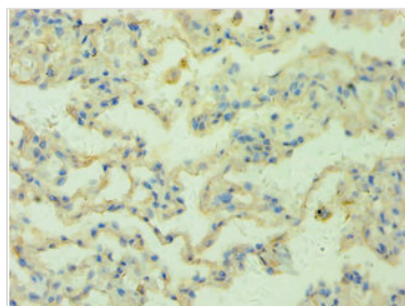
Lane 3: HepG2 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 41, 35, 16, 8, 5, 49 kDa

Observed band size: 41 kDa



Immunohistochemistry of paraffin-embedded human lung tissue using CSB-PA745339ESR1HU at dilution 1:100