

Datasheet for ABIN1886848
anti-RRM2B antibody (AA 2-17)



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Overview

Quantity:	100 µL
Target:	RRM2B
Binding Specificity:	AA 2-17
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRM2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acids 2 to 17 of human p53R2.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	RRM2B
Alternative Name:	p53R2 (RRM2B Products)
Background:	The p53 tumor-suppressor gene integrates numerous signals that control cell life and death. Several novel molecules involved in p53 signaling, including p53R2, Chk2, p53AIP1, Noxa, PIDD, and PID/MTA2, were recently discovered. p53R2 is a p53 inducible gene that contains a p53 binding sequence and encodes a subunit of the enzyme ribonucleotide reductase. p53R2 is induced by the reagents, ultraviolet and gamma-irradiation that cause DNA damages. The

Target Details

product of p53R2 gene is directly involved in the p53 checkpoint for repair of damaged DNA. The isoform of the p53 family member p73 also induces p53R2 expression. p53R2 is an important target of p53 for tumor suppression.

Molecular Weight: 39 kDa

Pathways: [p53 Signaling, Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid freezing and thawing repeatedly.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term use. Store at -20 °C for long term preservation.