

Product datasheet for **TA306062**

p53R2 (RRM2B) Rabbit Polyclonal Antibody

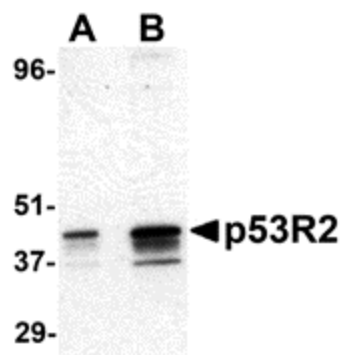
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC: 1 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	p53R2 antibody was raised against a synthetic peptide corresponding to amino acids 2 to 17 of human p53R2 .
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ribonucleotide reductase regulatory TP53 inducible subunit M2B
Database Link:	BAA92434 Entrez Gene 50484 Human Q7LG56
Background:	The p53 tumor-suppresspr gene integrates numerous signals that control cell life and death. Several novel molecules involved in p53 signaling, including p53R2 , Chk2 (2), p53AIP1 (3), Noxa (4), PIDD (5), and PID/MTA2 (6), were recently discovered. p53R2 is a p53 inducible gene that contains a p53 binding sequence and encodes a subunit of the enzyme ribonucleotide reductase (1,7). p53R2 is induced by the reagents, ultraviolet and g-irradiation that cause DNA damages. The 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 (8). p53R2 is an important target of p53 for tumour suppression.
Synonyms:	MTDPS8A; MTDPS8B; P53R2

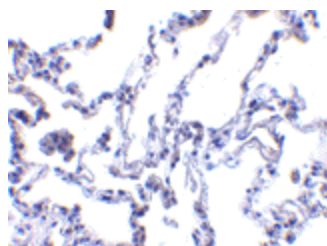


[View online »](#)

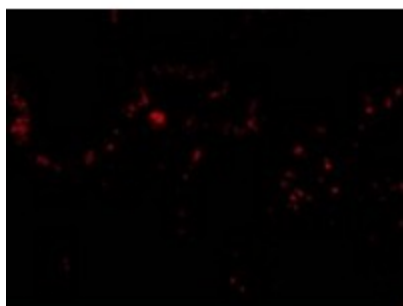
Product images:



Western blot analysis of p53R2 expression in A431 cell lysate at (A) 0.5 and (B) 1 ug/ml.



Immunohistochemistry of p53R2 in human lung tissue with p53R2 antibody at 1 ug/ml.



Immunofluorescence of p53R2 in Human Lung tissue with p53R2 antibody at 20 ug/mL.