

Rabbit p53R2 Polyclonal Antibody | anti-p53R2 antibody

p53R2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304780	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

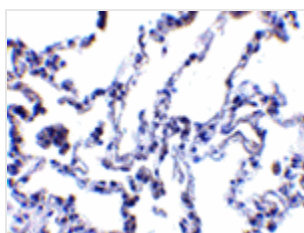
PRODUCT SYNONYMS

p53R2; Polyclonal Antibody; p53R2 Antibody; anti-p53R2 antibody

PRODUCT SPECIFICATIONS

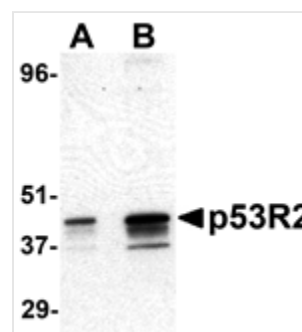
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	351
Applicable Applications for anti-p53R2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids 2 to 17 of human p53R2.
Target Name	p53R2
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-p53R2 antibody	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 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.
Product Categories/Family for anti-p53R2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7229086
NCBI GeneID	50484
Molecular Weight	48,787 Da
NCBI Official Full Name	ribonucleotide reductase
NCBI Official Synonym Full Names	ribonucleotide reductase M2 B (TP53 inducible)
NCBI Official Symbol	RRM2B
NCBI Official Synonym Symbols	P53R2; MTDPS8A; MTDPS8B
NCBI Protein Information	ribonucleoside-diphosphate reductase subunit M2 B
UniProt Protein Name	Ribonucleoside-diphosphate reductase subunit M2 B
UniProt Gene Name	RRM2B
UniProt Synonym Gene Names	P53R2; p53R2
UniProt Entry Name	RIR2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p53r2-antibody-immunohistochemistry-western-blot-elisa/304780>