

p53R2 rabbit pAb

Cat No.:ES3128

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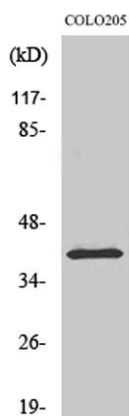
Overview

Product Name	p53R2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the Internal region of human p53R2.
Specificity	p53R2 Polyclonal Antibody detects endogenous levels of p53R2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ribonucleoside-diphosphate reductase subunit M2 B
Gene Name	RRM2B
Cellular localization	Cytoplasm. Nucleus. Translocates from cytoplasm to nucleus in response to DNA damage.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	50484
Human Swiss-Prot Number	Q7LG56
Alternative Names	RRM2B; P53R2; Ribonucleoside-diphosphate reductase subunit M2 B; TP53-inducible ribonucleotide reductase M2 B; p53-inducible ribonucleotide reductase small subunit 2-like protein; p53R2
Background	This gene encodes the small subunit of a p53-inducible ribonucleotide reductase. This





heterotetrameric enzyme catalyzes the conversion of ribonucleoside diphosphates to deoxyribonucleoside diphosphates. The product of this reaction is necessary for DNA synthesis. Mutations in this gene have been associated with autosomal recessive mitochondrial DNA depletion syndrome, autosomal dominant progressive external ophthalmoplegia-5, and mitochondrial neurogastrointestinal encephalopathy. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2010],



Western Blot analysis of various cells using p53R2
Polyclonal Antibody diluted at 1:2000

