

## Product datasheet for **TA308831**

### **RAD1 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Reactivity:</b>	Human, Mouse (Predicted: Rhesus Monkey)
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Recombinant fragment corresponding to a region within amino acids 77 and 282 of RAD1 (Uniprot ID#O60671)
<b>Formulation:</b>	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
<b>Purification:</b>	Affinity purified by Protein A.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	32 kDa
<b>Gene Name:</b>	RAD1 checkpoint DNA exonuclease
<b>Database Link:</b>	<a href="#">NP_002844</a> <a href="#">Entrez Gene 19355 Mouse</a> <a href="#">Entrez Gene 5810 Human</a> <a href="#">O60671</a>
<b>Background:</b>	This gene encodes a component of a heterotrimeric cell cycle checkpoint complex, known as the 9-1-1 complex, that is activated to stop cell cycle progression in response to DNA damage or incomplete DNA replication. The 9-1-1 complex is recruited by RAD17 to affected sites where it may attract specialized DNA polymerases and other DNA repair effectors. Alternatively spliced transcript variants of this gene have been described. [provided by RefSeq]
<b>Synonyms:</b>	HRAD1; REC1
<b>Note:</b>	Seq homology of immunogen across species: Rhesus Monkey (100%)
<b>Protein Families:</b>	Druggable Genome



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