

## Product datasheet for **TA361229**

### **RAD1 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle terminal region of human RAD1
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	27 kDa
Gene Name:	RAD1 checkpoint DNA exonuclease
Database Link:	<a href="#">NP_002844.1</a> <a href="#">Entrez Gene 5810 Human</a> <a href="#">O60671-2</a>
Background:	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.
Synonyms:	HRAD1; OTTHUMP00000115992; REC1



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Protein Families: Druggable Genome

### Product images:



Host: Rabbit  
Target Name: RAD1  
Sample Type: MCF7 Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: RAD1  
Sample Tissue: Human MCF7 Whole Cell lysates  
Antibody Dilution: 1 $\mu$ g/ml