

A1047

Leader in Biomolecular Solutions for Life Science



RAD1 Rabbit pAb

Catalog No.: A1047

2 Publications

Basic Information

Observed MW

32kDa

Calculated MW

32kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

5810

Swiss Prot

O60671

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-282 of human RAD1 (NP_002844.1).

Synonyms

REC1; HRAD1; RAD1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

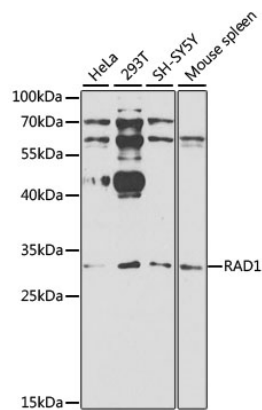
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using RAD1 Rabbit pAb (A1047) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.