Datasheet for ABIN6146629

anti-RAD18 antibody (AA 216-495)

1 Image | 1 Publication

Go to Product page

Overview

Quantity:	100 µL
Target:	RAD18
Binding Specificity:	AA 216-495
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAD18 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 216-495 of human Rad18 (NP_064550.3).
Sequence:	INKHLDSCLS REEKKESLRS SVHKRKPLPK TVYNLLSDRD LKKKLKEHGL SIQGNKQQLI KRHQEFVHMY NAQCDALHPK SAAEIVREIE NIEKTRMRLE ASKLNESVMV FTKDQTEKEI DEIHSKYRKK HKSEFQLLVD QARKGYKKIA GMSQKTVTIT KEDESTEKLS SVCMGQEDNM TSVTNHFSQS KLDSPEELEP DREEDSSSCI DIQEVLSSSE SDSCNSSSSD IIRDLLEEEE AWEASHKNDL QDTEISPRQN RRTRAAESAE IEPRNKRNRN
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	RAD18
Alternative Name:	RAD18 (RAD18 Products)
Background:	The protein encoded by this gene is highly similar to S. cerevisiae DNA damage repair protein Rad18. Yeast Rad18 functions through its interaction with Rad6, which is an ubiquitin-conjugating enzyme required for post-replication repair of damaged DNA. Similar to its yeast counterpart, this protein is able to interact with the human homolog of yeast Rad6 protein through a conserved ring-finger motif. Mutation of this motif results in defective replication of UV-damaged DNA and hypersensitivity to multiple mutagens.,RAD18,RNF73,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Ubiquitin,RAD18
Molecular Weight:	56 kDa
Gene ID:	56852
UniProt:	Q9NS91

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

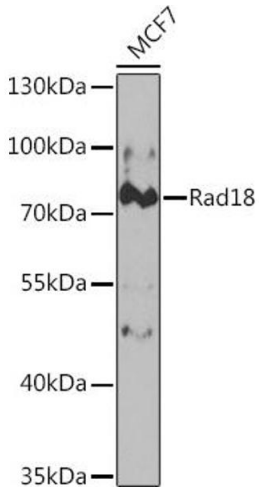
Publications

Product cited in:	Zang, Fan, Chen, Huang, Qin: "Improvement of Lipid and Glucose Metabolism by Capsiate in Palmitic Acid-Treated HepG2 Cells via Activation of the AMPK/SIRT1 Signaling Pathway." in:

Publications

Journal of agricultural and food chemistry, Vol. 66, Issue 26, pp. 6772-6781, (2018) (PubMed).

Images



Western Blotting

Image 1. Western blot analysis of extracts of MCF7 cells, using Rad18 Rabbit pAb (ABIN6128610, ABIN6146629, ABIN6146631 and ABIN6221026) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).