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Datasheet for ABIN389643 anti-Retinoblastoma 1 antibody (pSer612)

3 Images

1 Publication



Overview

Quantity:	400 µL
Target:	Retinoblastoma 1 (RB1)
Binding Specificity:	pSer612
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoblastoma 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This RB Antibody is generated from rabbits immunized with a KLH conjugated synthetic
	phosphopeptide corresponding to amino acid residues surrounding S612 of human RB.
Clone:	RB7659
Isotype:	Ig Fraction
Specificity:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic
	phosphopeptide corresponding to amino acid residues surrounding S612 of human RB
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Target Details	

Target:

Retinoblastoma 1 (RB1)

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Target Details

Alternative Name:	RB (RB1 Products)
Background:	Synonyms: Retinoblastoma-associated protein, PP110, P105-RB, RB, RB1,
Molecular Weight:	106159 DA
Gene ID:	5925
UniProt:	P06400
Pathways:	Cell Division Cycle, Intracellular Steroid Hormone Receptor Signaling Pathway, Mitotic G1-G1/S
	Phases, DNA Replication, Maintenance of Protein Location, Synthesis of DNA, Autophagy

Application Details

Application Notes:	WB = 1:1000, IHC (p) = 1:50-100
Restrictions:	For Research Use only

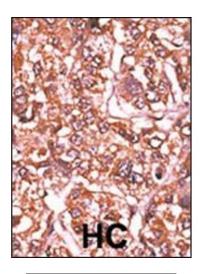
Handling

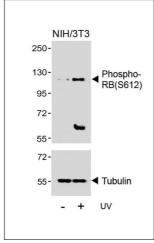
Format:	Liquid
Concentration:	0.38 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

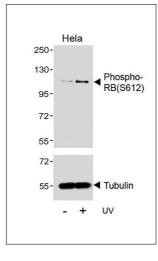
Publications

Product cited in:Kevin Li-Chun, Schob, Zeller, Pulli, Ali, Wang, Chiou, Tsang, Lee, Stossel, Chen: "Gelsolin
decreases actin toxicity and inflammation in murine multiple sclerosis." in: Journal of
neuroimmunology, Vol. 287, pp. 36-42, (2015) (PubMed).

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma

Western Blotting

Image 2. Western blot analysis of lysates from NIH/3T3 cell line, untreated or treated with UV(2h), using Phospho-RB Antibody (upper) or Tubulin (lower).

Western Blotting

Image 3. Western blot analysis of lysates from Hela cell line, untreated or treated with UV(2h), using Phospho-RB Antibody (upper) or Tubulin (lower).

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