Datasheet for ABIN1532026

anti-Retinoblastoma Protein (Rb) antibody (pSer608)

2 Images

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Overview

Quantity:	100 µg
Target:	Retinoblastoma Protein (Rb) (Rb Protein)
Binding Specificity:	AA 581-630, pSer608
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoblastoma Protein (Rb) antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Retinoblastoma around the phosphorylation site of Ser608.
Isotype:	IgG
Specificity:	Retinoblastoma (Phospho-Ser608) Antibody detects endogenous levels of Retinoblastoma only when phosphorylated at Ser608. PhosphorylationH:S608 M:S601 R:S579
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

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Target Details

Target:	Retinoblastoma Protein (Rb) (Rb Protein)
Abstract:	Rb Protein Products
Background:	Synonyms: P105-RB, PP105, PP110, RB-1, RB1, retinoblastoma gene, Retinoblastoma-associated protein NCBI Gene Symbol: RB1
Molecular Weight:	106 kDa
Gene ID:	5925
OMIM:	109800
UniProt:	P06400
Pathways:	Mitotic G1-G1/S Phases

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.408528 (NCBI Gene Symbol: RB1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

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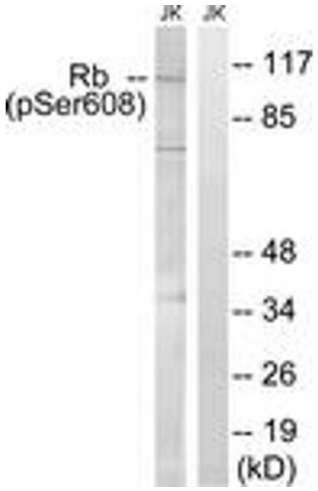
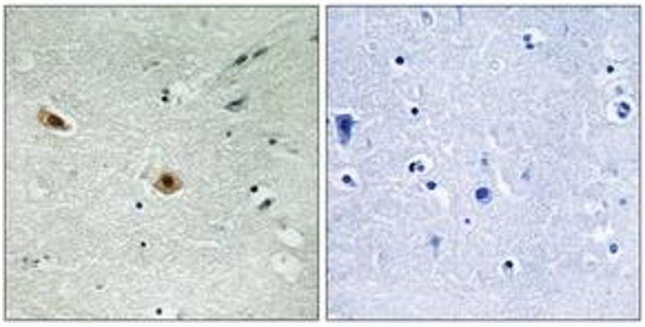


Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells treated with PMA 125ng/ml 30', using Retinoblastoma (Phospho-Ser608) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using Retinoblastoma (Phospho-Ser608) Antibody. The picture on the right is treated with the synthesized peptide.

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