Datasheet for ABIN7138658

anti-Retinoblastoma 1 antibody (pSer608)

2 Images

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Overview

Quantity:	100 µL
Target:	Retinoblastoma 1 (RB1)
Binding Specificity:	pSer608
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoblastoma 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine 608(Y-L-S(p)-P-V) derived from Human Retinoblastoma.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

Target Details

Target:	Retinoblastoma 1 (RB1)
Alternative Name:	RB1 (RB1 Products)

Target Details

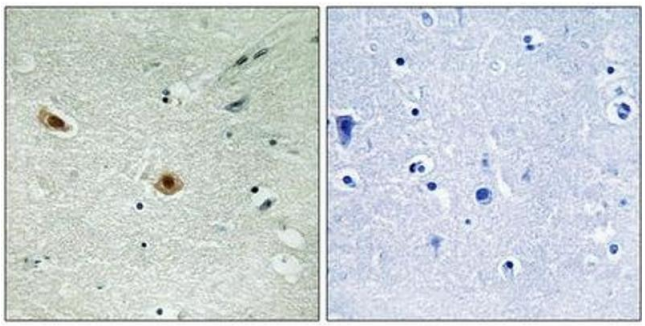
Background:	Background: Retinoblastoma (RB) is an embryonic malignant neoplasm of retinal origin. It almost always presents in early childhood and is often bilateral. Spontaneous regression ('cure') occurs in some cases. Lee W.-H., Nature 329:642-645(1987). Lee W.-H., Science 235:1394-1399(1987). Friend S.H., Proc. Natl. Acad. Sci. U.S.A. 84:9059-9063(1987). Aliases: Exon 17 tumor GOS561 substitution mutation causes premature stop antibody, GOS563 exon 17 substitution mutation causes premature stop antibody, OSRC antibody, Osteosarcoma antibody, p105-Rb antibody, P105RB antibody, PP105 antibody, pp110 antibody, PPP1R130 antibody, pRb antibody, Prepro retinoblastoma associated protein antibody, Protein phosphatase 1 regulatory subunit 130 antibody, Rb antibody, RB transcriptional corepressor 1 antibody, RB_HUMAN antibody, RB1 antibody, RB1 gene antibody, Retinoblastoma 1 antibody, Retinoblastoma suspectibility protein antibody, Retinoblastoma-associated protein antibody
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:1:500-1:1000, IHC:1:50-1:100,
Restrictions:	For Research Use only

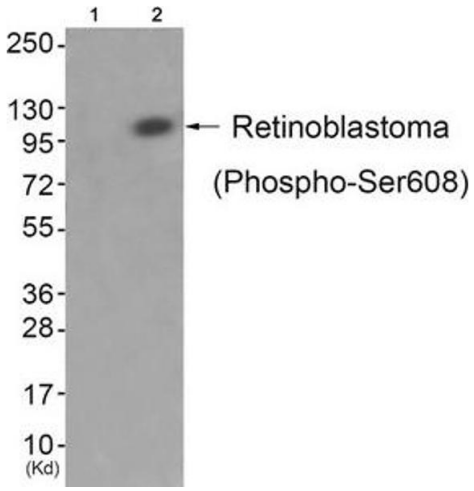
Handling

Format:	Liquid
Buffer:	Rabbit IgG in 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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human brain tissue using Retinoblastoma (Phospho-Ser608) antibody (left)or the same antibody preincubated with blocking peptide (right).



Western Blotting

Image 2. Western blot analysis of extracts from JK cells (Lane 2), using Retinoblastoma (Phospho-Ser608) Antibody. The lane on the left is treated with antigen-specific peptide.