

Phospho-Rb (Thr826) Polyclonal Antibody

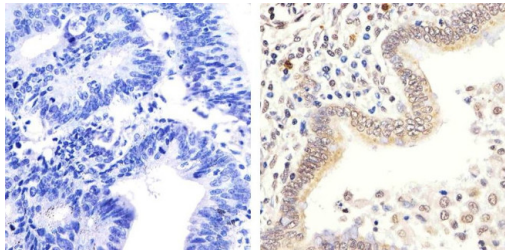
Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human Rb that contains threonine 826 (based on Swiss Protein database, accession number P06400). The sequence is conserved in mouse, rat and chicken.
Form	Liquid
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.3, with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2533683

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:100	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Images For Phospho-Rb (Thr826) Polyclonal Antibody

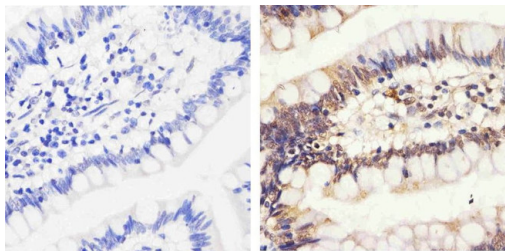
Phospho-Rb (Thr826) Antibody (44-576G) in IHC (P)

Immunohistochemistry analysis of Phospho-RB (pT826) showing staining in the nucleus of paraffin-embedded human colon carcinoma tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a Phospho-RB (pT826) polyclonal antibody (Product # 44-576G) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



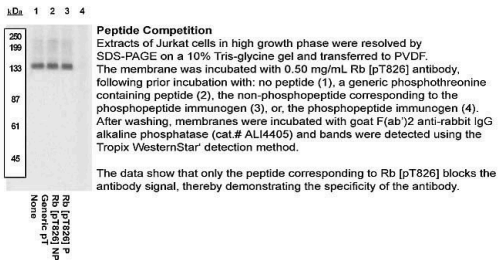
Phospho-Rb (Thr826) Antibody (44-576G) in IHC (P)

Immunohistochemistry analysis of Phospho-RB (pT826) showing staining in the nucleus of paraffin-embedded human colon tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a Phospho-RB (pT826) polyclonal antibody (Product # 44-576G) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detect on was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



Phospho-Rb (Thr826) Antibody (44-576G) in WB

Western blot analysis of Phospho-Rb (Thr826) using a polyclonal antibody (Product # 44-576G).



Western Blot (1)

Cell death and differentiation	Year 2013
p53 promotes VEGF expression and angiogenesis in the absence of an intact p21-Rb pathway.	Species Mouse
"44-576G was used in western blot to report the dual role for p53 in regulating vascular endothelial growth factor during hypoxia."	
Authors: Farhang Ghahremani M,Goossens S,Nittner D,Bisteau X,Bartunkova S,Zwolinska A,Hulpiau P,Haigh K,Haenebalcke L,Drogat B,Jochemsen A,Roger PP,Marine JC,Haigh JJ	

Miscellaneous PubMed (1)

The Journal of biological chemistry	Year 2003
Oxidative stress induces protein phosphatase 2A-dependent dephosphorylation of the pocket proteins pRb, p107, and p130.	Species Human
"44-576G was used in western blot to investigate the roles of pRb, p107, and p130 in the cellular response to oxidative stress."	
Authors: Cicchillitti L,Fasanaro P,Biglioli P,Capogrossi MC,Martelli F	

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