

Phospho-Retinoblastoma (Ser807) Ab

Cat.#: AF3105	Concn.: 1mg/ml	Mol.Wt.: 106kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500

Reactivity: Human,Mouse,Rat

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Specificity: Phospho-Retinoblastoma (Ser807) Ab detects endogenous levels of Retinoblastoma only when phosphorylated at Serine 807.

Immunogen: A synthesized peptide derived from human Retinoblastoma around the phosphorylation site of Serine 807.

Uniprot: P06400

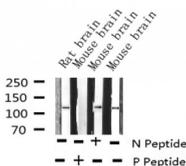
Description: Retinoblastoma (RB) is an embryonic malignant neoplasm of retinal origin. It almost always presents in early childhood and is often bilateral. Spontaneous regression ('cure') occurs in some cases.

Subcellular Location: Nucleus.

Tissue Specificity: Expressed in the retina.

Similarity: The Pocket domain binds to the threonine-phosphorylated domain C, thereby preventing interaction with heterodimeric E2F/DP transcription factor complexes.Belongs to the retinoblastoma protein (RB) family.

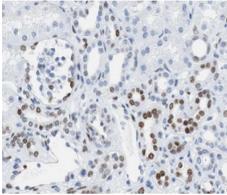
Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of Phospho-Retinoblastoma (Ser807) expression in various lysates



Western blot analysis of Retinoblastoma phosphorylation expression in serum treated K562 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.



AF3105 at 1/200 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF3105 staining MOLT by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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