

## Chk2 Ab

[References\(3\)](#) [Images\(3\)](#)

Cat.#: AF6033  
 Size:

Concn.: ~1mg/ml  
 Source: Rabbit

Mol.Wt.: 60kDa  
 Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500  
 \*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat,Monkey

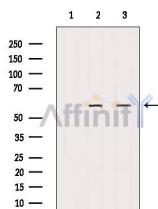
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

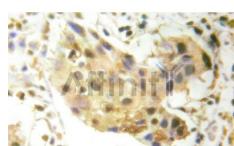
Immunogen: A synthesized peptide derived from human Chk2, corresponding to a region within the internal amino acids.

Uniprot: O96017

Description: In response to DNA damage and replication blocks, cell cycle progression is halted through the control of critical cell cycle regulators. The protein encoded by this gene is a cell cycle checkpoint regulator and putative tumor suppressor.



Western blot analysis of extracts from various samples, using Chk2 Ab.  
 Lane 1: COS-7 treated with blocking peptide;  
 Lane 2: COS-7;  
 Lane 3: Hela.



AF6033 at 1/100 staining human breast tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample 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 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.



**Affinity Biosciences**  
website:www.affbiotech.com  
order:order@affbiotech.com

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