

## Phospho-E2F1 (Thr433) Antibody

Cat.#: AF3377  
 Size: 100ul,200ul

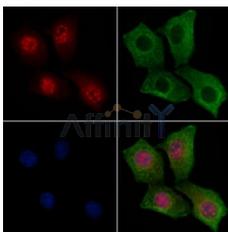
Concn.: 1mg/ml  
 Source: Rabbit

Mol.Wt.: 47kDa  
 Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Reactivity:	Human,Mouse
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-E2F1 (Thr433) Antibody detects endogenous levels of E2F1 only when phosphorylated at Threonine 433.
Immunogen:	A synthesized peptide derived from human E2F1 around the phosphorylation site of Thr433.
Uniprot:	Q01094
Description:	The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses.
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 extracts from mouse brain/mouse lung, using Phospho-E2F1 (Thr433) Antibody.  
 -/+ means absence or presence of N peptide(non-phospho peptide) and P peptide(phospho peptide)



AF3377 staining HepG2 cells(4h of LPS treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF3377 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary

**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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