

Phospho-osterix (Thr319) Antibody

Cat.#: AF7080	Concn.: 1mg/ml	Mol.Wt.: 46kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

Reactivity: Human,Mouse,Rat

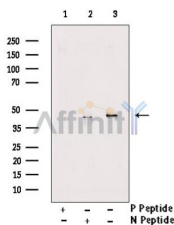
Purification: The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Specificity: Phospho-osterix (Thr319) Antibody detects endogenous levels of osterix only when phosphorylated at Thr319.

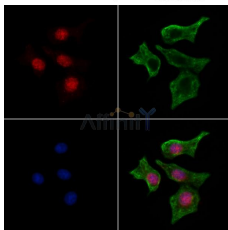
Immunogen: A synthesized peptide derived from human osterix around the phosphorylation site of Thr319.

Uniprot: Q8TDD2

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 293T, using Phospho-osterix(Thr319) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



AF7080 staining H2O2 treated HepG2 cells 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(AF7080) and mouse anti-beta tubulin Ab(T0023) 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 antibody.

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.