

**Anti NDRG1 p3xThr**

**Anti phospho Thr346, Thr356 & Thr366**

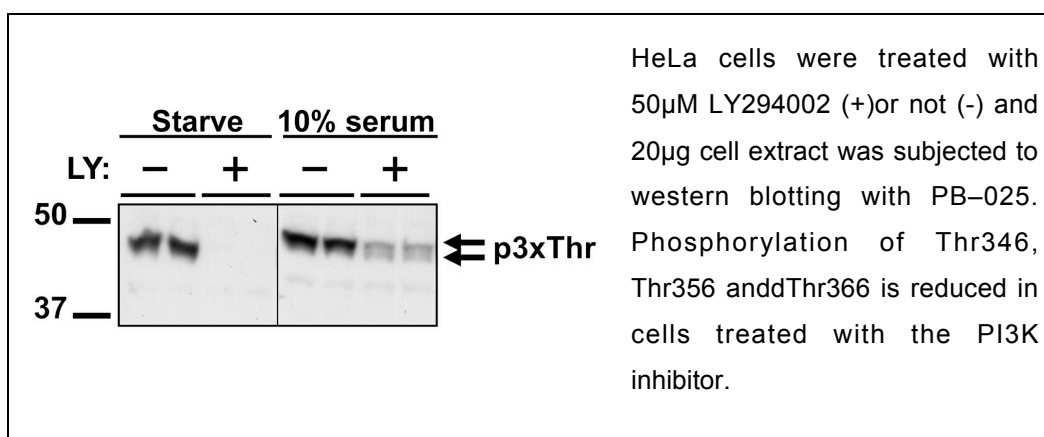
**Order No. PB-025**

**Antibody concentration: 0.54 mg/ml**

**Amount per vial: 100µg**

**Lot No 1**

**Store at  
-20°C**



**Product description:**

Polyclonal, affinity purified antibody raised in sheep against the peptide RSRSHpTSEG, resembling a sequence that is three times repeated in NDRG1, phosphorylated at Thr346, Thr356 and Thr366 respectively. The Acc No of human N-myc downstream regulated gene 1 is NP\_006087.

**Applications:** Western blotting, Immunohistochemistry

**Application advise**

Western blocking buffer: 5% dry milk, 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

1st Ab buffer: 1µg/ml antibody, 10µg/ml dephospho peptide (provided with the antibody) in western blocking buffer. Incubate for 4 to 16 hours at 4°C for optimal results.

Wash buffer: 50mM Tris pH 7.5, 150mM NaCl, 0.1% Tween.

2nd Ab buffer: HRP coupled anti sheep Pierce 31480 (1:10000) in western blocking buffer.

**Background information**

Murray et al., 2004 Biochem. J. Vol 384 pp477-488 describe the discovery of NDR1 and NDRG2 as physiological substrates of SGK1 and GSK3 using the KESTREL approach. PB-025 was used in this study to detect NDRG1 phosphorylation at Thr346, Thr356 and Thr366. When these sites are phosphorylated then GSK3 can phosphorylate Ser342, Ser352 and Ser362.

For in vitro use only.

For research use only.

Not for clinical use or consumption.

Not for diagnostic use.

Do not inject in humans or animals.