+1.781.569.5821 [INTERNATIONAL]

## bs-9724R-Biotin

## - Rabbit Anti-E4F1 Polyclonal Antibody, Biotin conjugated

Conjugated Primary Antibodies

## Background:

E4F1, also known as E4F, is a 784 amino acid protein that localizes to both the nucleus and the cytoplasm and contains nine C 2 H 2 -type zinc fingers. Expressed ubiquitously in adult and fetal tissues, E4F1 exists as a homodimer that binds DNA and is thought to act as a transcriptional repressor and may also play a role in cell survival and growth via cell cycle control. Additionally, E4F1 is thought to function as a ubiquitin ligase that mediates the ubiquitination (and subsequent degradation) of target proteins and may be involved in the p53 tumor suppressor pathway. E4F1, which may be post-translationally phosphorylated or sumoylated, is subject to proteolytic cleavage which results in the creation of a short peptide with specific DNA binding capabilities.

Purification: Was purified by Protein A and peptide affinity chromatography.

## Storage:

Prepared as lyophilized powder and shipped on ice. Store at $-20^{\circ} \mathrm{C}$ for one year as lyophilized powder or liquid. Please reconstitute before use.

## Reconstitution:

If the antibody is in liquid form, no reconstitution needed.
Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

Size: 100ul or 100ug lyophilized
Concentration: $1 u g / u L$
Host: Rabbit
Reactivities:
Human,Mouse,Rat,Dog,Pig,Cow,Horse, Rabbit,Sheep,

## Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal
I sotype: IgG
Molecular Weight: 83kDa
Preservatives: $\quad 10 \mathrm{ug} / \mathrm{uL}$ BSA and $0.1 \%$ NaN3.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

