

## bs-9736R

### • Rabbit Anti-TPD52L1/D53 Polyclonal Antibody

#### Primary Antibodies

#### Background:

The cell commits to dividing during the G2/M phase transition, and the timing of mitotic entry is tightly regulated to guarantee correct chromosome segregation. D53, also referred to as tumor protein D52-like 1 (TPD52L1), is a coiled-coil motif-bearing member of the D52 tumor protein family. D53 interacts with 14-3-3, a negative regulator of the G2/M transition, in breast cancer cells. Expression of D53 is highly upregulated at the G2/M phase transition in breast cancer cell lines, and deregulated expression of this protein can adversely affect the completion of mitosis. D53 may function as a signaling intermediate and/or regulator of vesicle trafficking and cell proliferation.

#### Source/Purification:

KLH conjugated synthetic peptide derived from human TPD52L1/D53. Was purified by Protein A and peptide affinity chromatography.

**Storage:** Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year.

#### 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:** 1ug/uL

**Host:** Rabbit

#### Reactivities:

Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep,

#### Application:

- WB(1:100-500)
  - ELISA(1:500-1000)
  - IP(1:20-100)
  - IHC-F(1:100-500)
  - IF(1:50-200)
  - Not yet tested in other applications.
- Optimal working dilutions must be determined by the end user.

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 22kDa

#### Preservatives:

10ug/uL BSA and 0.1% NaN<sub>3</sub>.

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

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