

## bs-6770R

### • Rabbit Anti-DRAK1/STK17A Polyclonal Antibody

#### Primary Antibodies

#### Background:

DRAK1 (DAP kinase-related apoptosis-inducing protein kinase 1) is a novel member of the ser/thr protein kinase family, which mediate apoptosis through their catalytic activities. The full-length cDNA encodes a deduced 414-amino acid protein with a molecular mass of 46.56 kD. DRAKs contain an N-terminal kinase domain and a C-terminal regulation domain. DRAK1 messenger RNA appears to be ubiquitously expressed in human tissues. Overexpression of DRAK1 induces apoptosis. It has been shown in vitro that DRAK1 is capable of autophosphorylation and of phosphorylating the myosin light chain as an exogenous substrate, and that the noncatalytic C terminus is crucial for full kinase activity.

#### Source/Purification:

KLH conjugated synthetic peptide derived from human DRAK1/STK17A. 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,

#### Application:

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

**Antibody Type:** Polyclonal

**Isotype:** IgG

**Molecular Weight:** 50kDa

#### 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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