

# SPAK Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP08490

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human STK39. AA range:291-340

Mol wt 59642

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name SPAK Antibody

Synonyms STK39; SPAK; STE20/SPS1-related proline-alanine-rich protein kinase; Ste-20-related kinase; DCHT;

Serine/threonine-protein kinase 39

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

STK39 encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress.

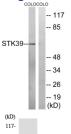
## Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000

Not yet tested in other applications.

### Images

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STK39

Western blot analysis of lysates from COLO cells, using STK39 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from HeLa cells using STK39 antibody.

## Storage

-20°C for one year

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