

## STK39

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 59kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human STK39

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

DCHT; PASK; SPAK;

**Catalog #:** A7974

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 27347

**Isotype:** IgG

**Swiss Prot:** Q9UEW8

**Purity:** Affinity purification

For research use only.

**Background:**

This gene 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.

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