

## STK4

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

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

**Calculated MW:** 56kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human STK4

**Storage Buffer:**

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

**Synonym:**

KRS2; MST1; YSK3; TIAC;

**Catalog #:** A8043

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 6789

**Isotype:** IgG

**Swiss Prot:** Q13043

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein has been correlated with apoptosis, and it's possible that this protein induces the chromatin condensation observed in this process.

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