

Datasheet for ABIN6989132  
**anti-STK4 antibody (AA 303-487)**



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## Overview

Quantity:	100 µL
Target:	STK4
Binding Specificity:	AA 303-487
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 303-487 of human STK4 (NP_006273.1).
Isotype:	IgG
Specificity:	KO-Validated
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	STK4
Alternative Name:	STK4 ( <a href="#">STK4 Products</a> )

## Target Details

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Background: Synonyms: KRS2,MST1,YSK3,STK4

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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Gene ID: 6789

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UniProt: [Q13043](#)

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Pathways: [Tube Formation](#)

## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months