



## STK39 Antibody

CATALOG NUMBER: 42-014



Western blot analysis of STK39 in Jurkat lysate (35 ug protein in RIPA buffer) using STK39 Antibody at 0.5 ug/mL.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:8000. Western Blot: Approximately 65 kDa band observed in human cerebellum lysates and in Jurkat lysate (calculated MW of 59.5 kDa according to NP_037365.2). Recommended concentration: 0.3-1 ug/mL.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1205 - Jurkat Cell Lysate
<b>IMMUNOGEN:</b>	STK39 antibody was raised against a 14 amino acid synthetic peptide near the internal region of STK39.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	STK39 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	STK39 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	STK39, serine threonine kinase 39 (STE20/SPS1 homolog, yeast), DCHT, DKFZp686K05124, PASK, SPAK, Ste20-like protein kinase, proline-alanine-rich STE20-related kinase, small intestine SPAK-like kinase
<b>ACCESSION NO.:</b>	NP_037365.2
<b>PROTEIN GI NO.:</b>	115430252
<b>OFFICIAL SYMBOL:</b>	STK39
<b>GENE ID:</b>	27347

## Background

**REFERENCES:** 1) Ramoz N, Cai G, Reichert JG, Silverman JM, Buxbaum JD. An analysis of candidate autism loci on chromosome 2q24-q33: evidence for association to the STK39 gene. *Am J Med Genet B Neuropsychiatr Genet.* 2008 Oct 5;147B(7):1152-8

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**FOR RESEARCH USE ONLY**

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