

Datasheet for ABIN570996

anti-STK39 antibody (Internal Region)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	STK39
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This STK39 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	STK39 / SPAK
Immunogen:	Peptide with sequence C-SQEKSRRVKEENPE, from the internal region of the protein sequence according to NP_037365.2.
Sequence:	SQEKSRRVKE ENPE
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

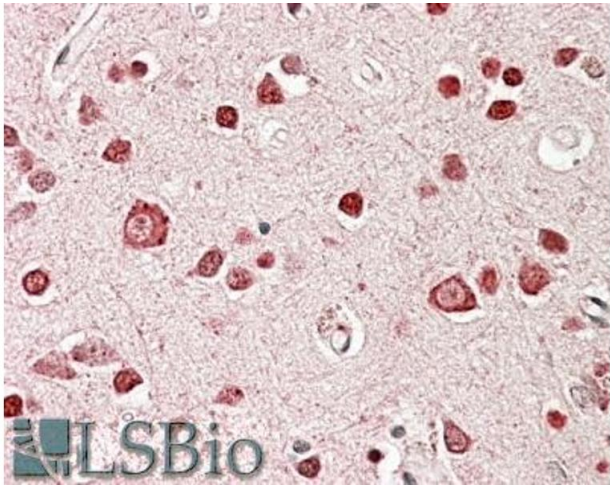
Target:	STK39
Alternative Name:	STK39 (STK39 Products)
Background:	STK39, serine threonine kinase 39 (STE20/SPS1 homolog, yeast), DCHT, DKFZp686K05124, PASK, SPAK, Ste20-like protein kinase, proline-alanine-rich STE20-related kinase, small intestine SPAK-like kinase
Gene ID:	27347, 53416, 54348
NCBI Accession:	NP_037365

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 6 µg/mL. Western Blot: Approx 65 kDa band observed in Human Brain (Cerebellum) lysate (calculated MW of 59.5 kDa according to NP_037365.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recom Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



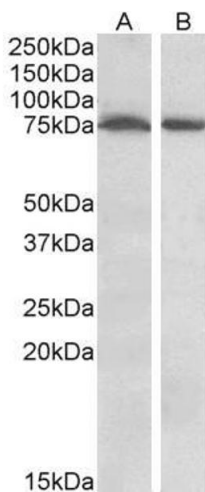
Immunohistochemistry

Image 1. ABIN570996 (3.8µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN570996 (0.5µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN570996 (1µg/ml) staining of Mouse (A) and Rat (B) Brain (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.