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Research Use Only. Not for diagnostic or therapeutic use.

EB09416 - Goat Anti-STK39 / SPAK Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: STK39

Accession Number(s): NP_037365.2

Human GeneID(s): 27347

Non-Human GenelD(s): 53416 (mouse), 54348 (rat)

Immunogen

Peptide with sequence C-SQEKSRRVKEENPE, from the internal region of the protein sequence according to NP_037365.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Approx 65kDa band observed in Human Brain (Cerebellum) lysate (calculated MW of 59.5kDa according to NP_037365.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources.

Recommended concentration: 0.3-1µg/ml.

IHC: Paraffin embedded Human Testis. Recommended concentration: 6µg/ml.

Species Reactivity

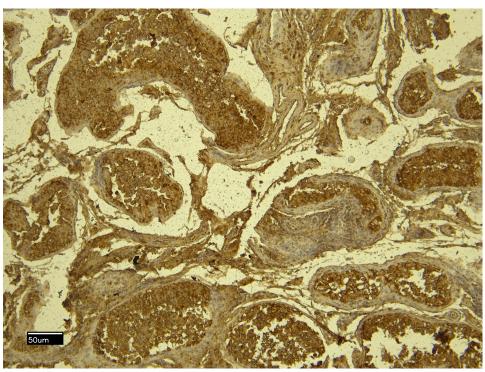
Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

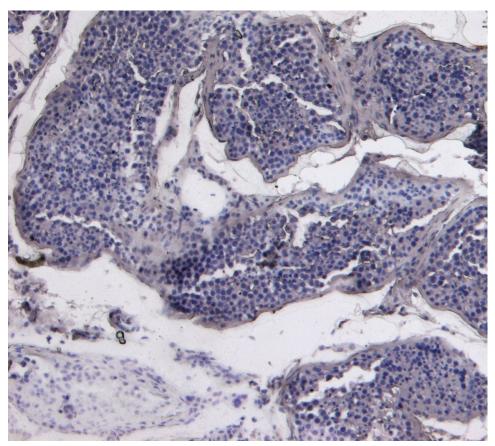
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

EB09416 (0.3 μ g/ml) staining of Human Cerebellum lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB09416 ($6\mu g/ml$) staining of paraffin embedded Human Testis. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB09416 Negative Control showing staining of paraffin embedded Human Testis, with no primary antibody.