

## UK Office

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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 GeneID(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.

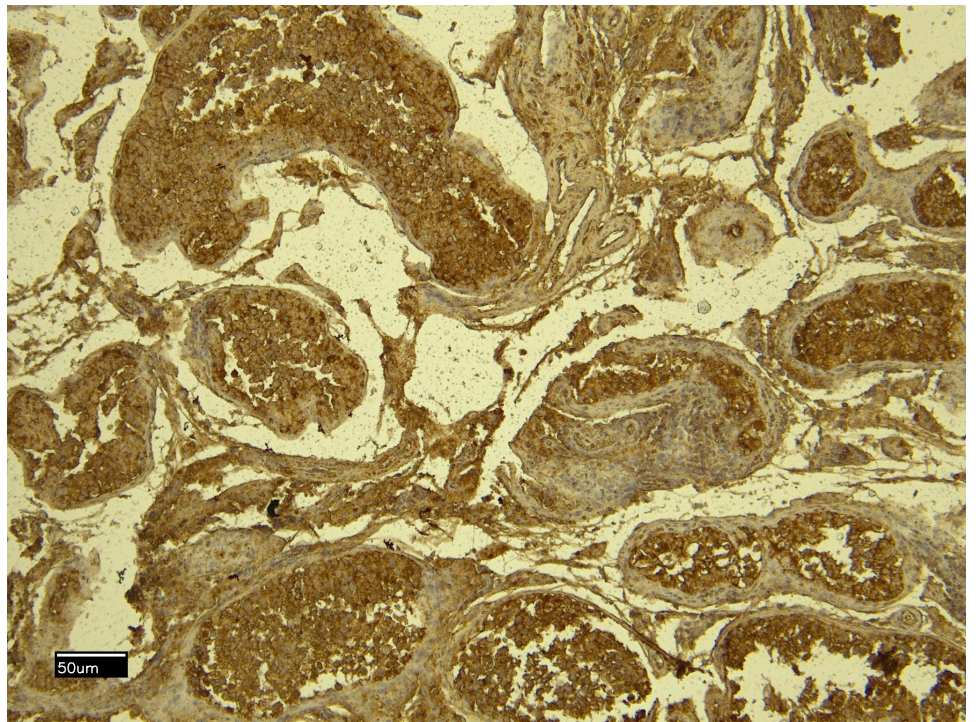
### Species Reactivity

**Tested:** Human

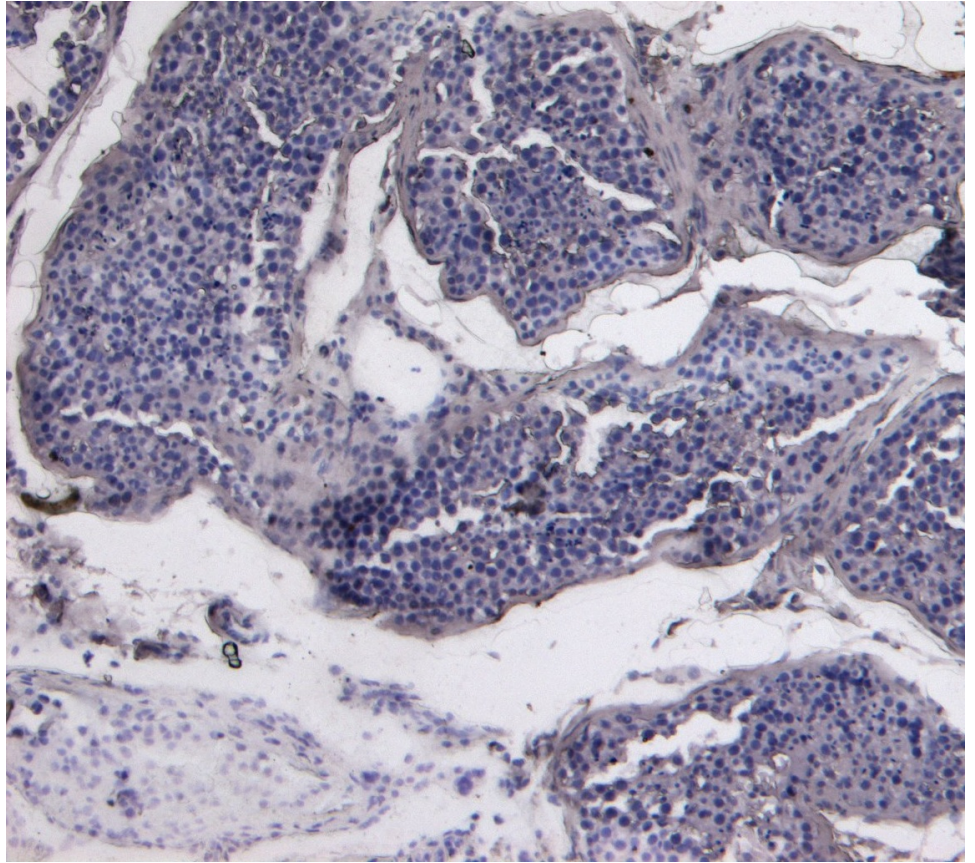
**Expected from sequence similarity:** Human, Mouse, Rat, Dog



EB09416 (0.3 $\mu$ g/ml) staining of Human Cerebellum lysate (35 $\mu$ 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.