

Product datasheet for **TA305674**

STK39 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 0.3-1 µg/ml. IHC: 3-5 µg/ml.
Reactivity:	Human, Mouse, Rat (Expected from sequence similarity: Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-SQEKSRRVKEENPE, from the internal region of the protein sequence according to NP_037365.2.
Formulation:	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Concentration:	lot specific
Purification:	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 -20C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	serine/threonine kinase 39
Database Link:	NP_037365 Entrez Gene 53416 MouseEntrez Gene 54348 RatEntrez Gene 478779 DogEntrez Gene 27347 Human Q9UEW8



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Background:

This gene encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress. [provided by RefSeq]

Synonyms:

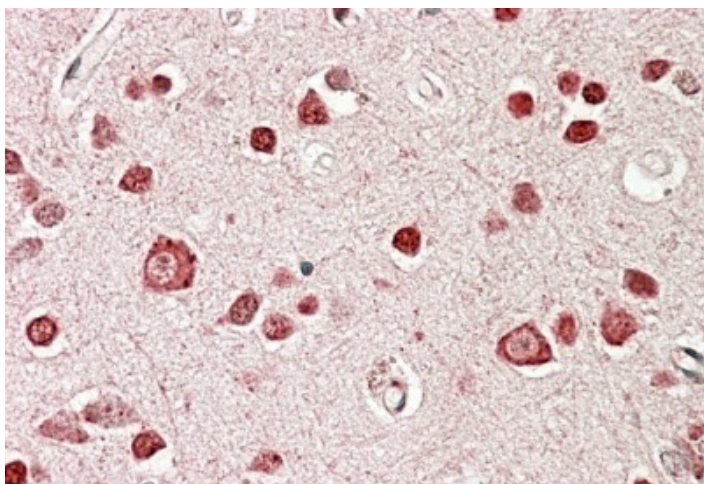
DCHT; PASK; SPAK

Protein Families:

Druggable Genome, Protein Kinase

Product images:

TA305674 (1 ug/ml) staining of Mouse (A) and Rat (B) Brain (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



TA305674 (3.8 ug/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.