

Product datasheet for **TA302234**

STK39 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50
Reactivity:	Human (Predicted: Rat)
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This SPAK (STK39) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 386-415 amino acids from the C-terminal region of human SPAK (STK39).
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59642 Da
Gene Name:	serine/threonine kinase 39
Database Link:	NP_037365 Entrez Gene 54348 Rat Entrez Gene 27347 Human Q9UEW8
Background:	STK39 is 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.

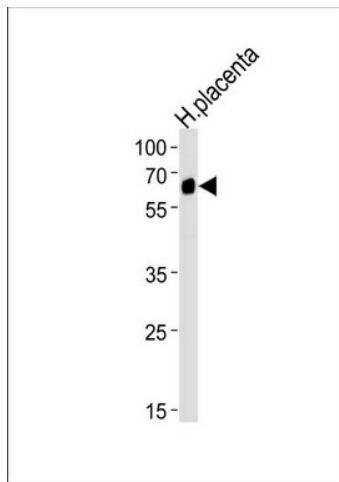


[View online »](#)

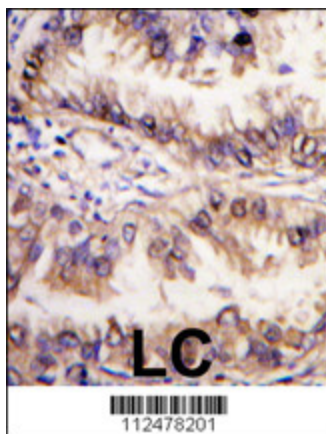
Synonyms: DCHT; PASK; SPAK

Protein Families: Druggable Genome, Protein Kinase

Product images:



STK39 Antibody (C-term) (Cat. #TA302234) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the STK39 antibody detected the STK39 protein (arrow).



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with STK39 antibody (C-term) (Cat.#TA302234), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.