

## Product datasheet for **TA368964S**

### STK40 Rabbit Polyclonal Antibody

#### Product data:

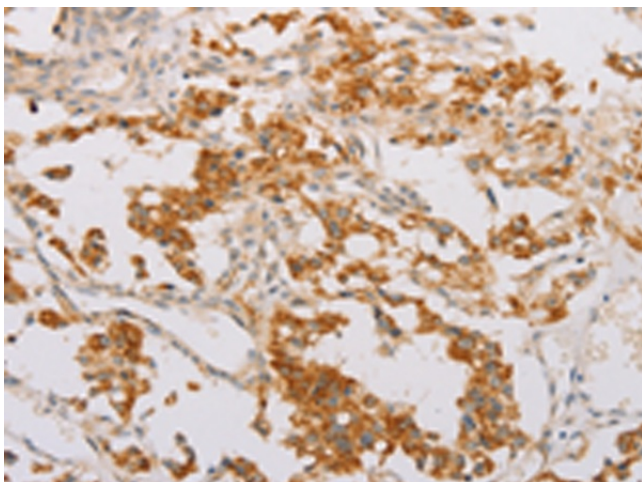
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human STK40
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	serine/threonine kinase 40
Database Link:	<a href="#">Entrez Gene 83931 Human Q8N2I9</a>

**Background:** STK40 (Serine/threonine-protein kinase 40), also known as Sugen kinase 495, is a 435 amino acid protein kinase that may be a negative regulator of NFκB and p53-mediated gene expression. Localized to both the cytoplasm and the nucleus, STK40 is ubiquitously expressed. STK40 has a central serine/threonine protein kinase domain and is homologous to TRB-3, a protein that regulates activation of MAP kinases and inhibits NFκB-mediated gene transcription. Similarly, overexpression of STK40 inhibits NFκB activation triggered by TNF and also inhibits p53-mediated transcription. There are four named isoforms of STK40 that are produced as a result of alternative splicing.

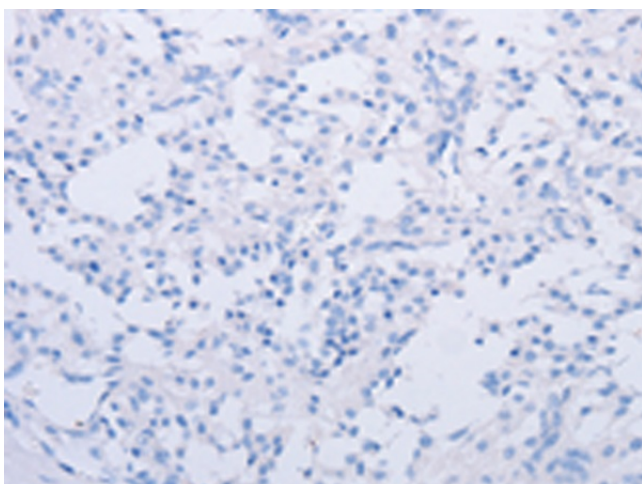
**Synonyms:** 2310004N11Rik; MGC4796; RP11-268J15.4; SgK495; SHIK



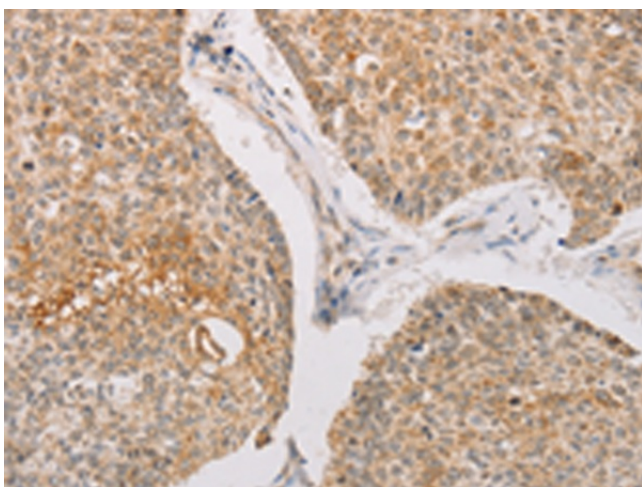
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**Product images:**

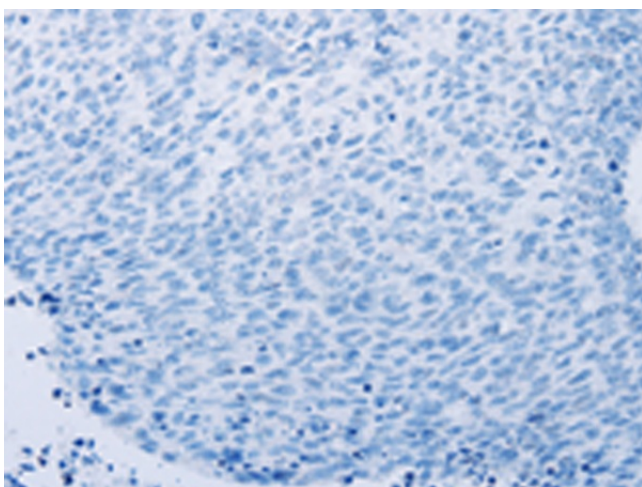
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA368964] (STK40 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA368964] (STK40 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA368964] (STK40 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA368964] (STK40 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )