

**STK40 Antibody ( C-term )**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9026b****Specification**

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**STK40 Antibody ( C-term ) - Product Information**

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">Q8N2I9</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	372-403

**STK40 Antibody ( C-term ) - Additional Information****Gene ID** 83931**Other Names**

Serine/threonine-protein kinase 40, SINK-homologous serine/threonine-protein kinase, Sugen kinase 495, SgK495, STK40, SGK495, SHIK

**Target/Specificity**

This STK40 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 372-403 amino acids from the C-terminal region of human STK40.

**Dilution**

FC~~1:10~50

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

STK40 Antibody ( C-term ) is for research use only and not for use in diagnostic or therapeutic procedures.

**STK40 Antibody ( C-term ) - Protein Information****Name** STK40

**Synonyms** SGK495, SHIK

**Function** May be a negative regulator of NF-kappa-B and p53-mediated gene transcription.

**Cellular Location**

Nucleus. Cytoplasm

**Tissue Location**

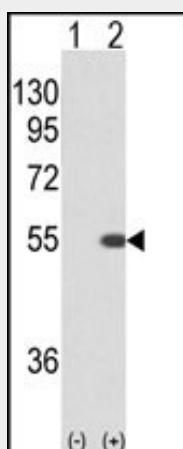
Strongly expressed in heart, brain, placenta, lung, skeletal muscle, kidney, spleen, thymus, prostate, liver, pancreas, testis, ovary, small intestine, colon and peripheral blood leukocytes

**STK40 Antibody ( C-term ) - Protocols**

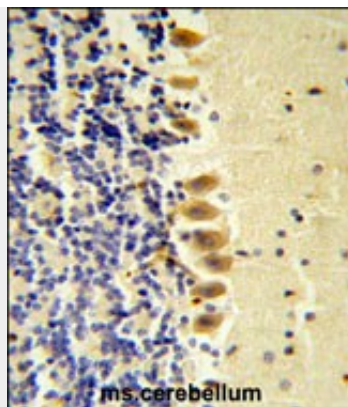
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

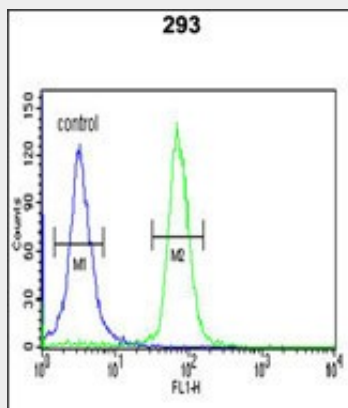
**STK40 Antibody ( C-term ) - Images**



Western blot analysis of STK40 (arrow) using rabbit polyclonal STK40 (C-term) (Cat. #AP9026b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the STK40 gene (Lane 2) .



STK40 Antibody ( C-term ) (Cat. #AP9026b) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the STK40 Antibody ( C-term ) for immunohistochemistry. Clinical relevance has not been evaluated.



STK40 Antibody ( C-term ) (Cat. #AP9026b) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### STK40 Antibody ( C-term ) - Background

STK40 may be a negative regulator of NF-kappa-B and p53-mediated gene transcription.

#### STK40 Antibody ( C-term ) - References

Greenman C., et.al., Nature 446:153-158(2007).