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STK40 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9026b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q8N2I9
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB09767
Calculated MW	49001
Antigen Region	372-403

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	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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.

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

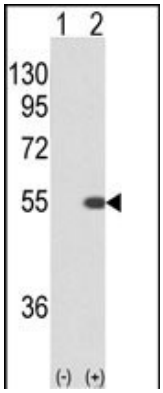
Background

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

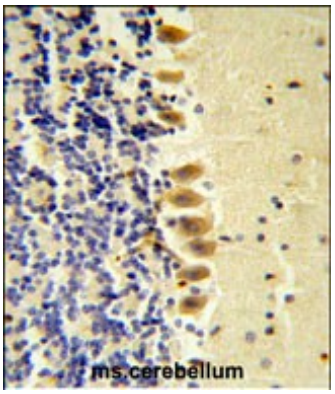
References

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

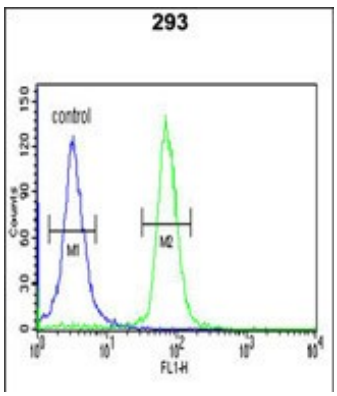
Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.