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Anti-STK31 Antibody

Catalog # AP59953

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9BXU1
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	115694

Additional Information

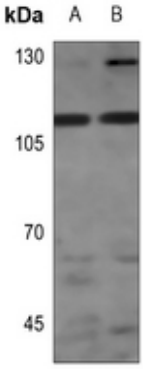
Gene ID	56164
Other Names	SGK396; Serine/threonine-protein kinase 31; Serine/threonine-protein kinase NYD-SPK; Sugen kinase 396; SgK396
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human STK31. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

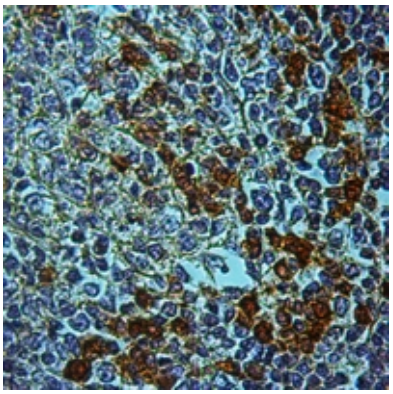
Protein Information

Name	STK31
Synonyms	SGK396
Tissue Location	Testis specific.

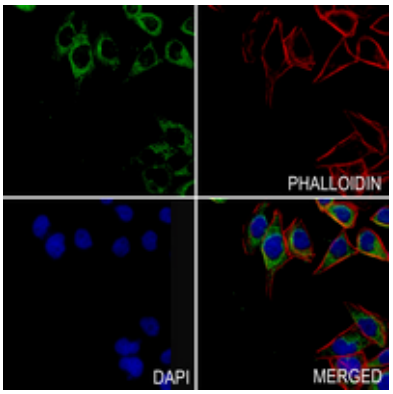
Images

Western blot analysis of STK31 expression in PC12 (A), A549 (B) whole cell lysates. (Predicted band size: 115 kD; Observed band size: 115 kD)





Immunohistochemical analysis of STK31 staining in human tonsil cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of STK31 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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