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STK35 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7243c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8TDR2
Other Accession	Q80ZW0
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB3600
Calculated MW	58051
Antigen Region	374-404

Additional Information

Gene ID	140901
Other Names	Serine/threonine-protein kinase 35, CLP-36-interacting kinase 1, CLIK-1, PDLIM1-interacting kinase 1, Serine/threonine-protein kinase 35 L1, STK35, CLIK1, PDIK1, STK35L1
Target/Specificity	This STK35 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 374-404 amino acids from the Central region of human STK35.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	STK35 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	STK35
Synonyms	CLIK1, PDIK1, STK35L1

Cellular Location	Nucleus. Nucleus, nucleolus. Cytoplasm. Note=When associated with PDLIM1, it is mostly found in cytoplasm, localized to actin stress fibers (PubMed:11973348). However, PubMed:19756140 detected STK35 only in the nucleus, and the presence of PDLIM1 had no influence on its location.
Tissue Location	Expressed in testis.

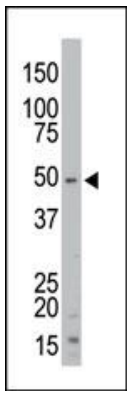
Background

STK35 can interact with PDLIM1/CLP-36 in the cytoplasm and localize to actin stress fibers. The encoded kinase may be a regulator of actin stress fibers in nonmuscle cells. This protein has also been found in the nucleus.

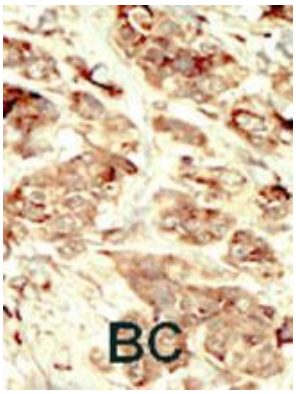
References

Vallenius, T., et al., J. Cell. Sci. 115 (Pt 10), 2067-2073 (2002).

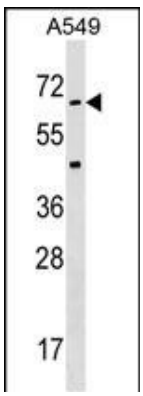
Images



The anti-STK35 Pab (Cat. #AP7243c) is used in Western blot to detect STK35 in mouse kidney tissue lysate.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, 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. BC = breast carcinoma; HC = hepatocarcinoma.



STK35 Antibody (C255) (Cat. #AP7243c) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the STK35 antibody detected the STK35 protein (arrow).

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