

Rabbit anti-Human, mouse STK35 Polyclonal Antibody | anti-STK35 antibody

STK35 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286292	Rabbit	Human, mouse	ELISA, Immunohistochemistry, Western Blot

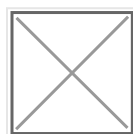
PRODUCT SYNONYMS

STK35; Polyclonal Antibody; STK35 Antibody (Center); Serine/threonine-protein kinase 35; CLP-36-interacting kinase 1; CLIK-1; PDLIM1-interacting kinase 1; Serine/threonine-protein kinase 35 L1; CLIK1; PDIK1; STK35L1; anti-STK35 antibody

PRODUCT SPECIFICATIONS

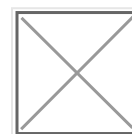
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STK35 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 374-404 amino acids from the Central region of human STK35.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	374-404
Sequence Length	534
Applicable Applications for anti-STK35 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Calculated MW	58051
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.
Preparation and 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.

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

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.



WB (Western Blot)

The anti-STK35 Pab is used in Western blot to detect STK35 in mouse kidney tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-STK35 antibody	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.
Product Categories/Family for anti-STK35 antibody	Signal Transduction
References	Vallenius, T., et al., J. Cell. Sci. 115 (Pt 10), 2067-2073 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	260099625
NCBI GeneID	140901
NCBI Accession #	NP_543026.2
NCBI GenBank Nucleotide #	NM_080836.3
UniProt Accession #	Q8TDR2 ; Q2NKW6 ; Q5T3R1 ; Q5T3R2 ; Q96AB4 ; Q9BZ06 ; B2RBM3 ; C7ENV8
NCBI Official Full Name	serine/threonine-protein kinase 35
NCBI Official Synonym Full Names	serine/threonine kinase 35
NCBI Official Symbol	STK35
NCBI Official Synonym Symbols	CLIK1; STK35L1
NCBI Protein Information	serine/threonine-protein kinase 35
UniProt Protein Name	Serine/threonine-protein kinase 35
UniProt Gene Name	STK35
UniProt Synonym Gene Names	CLIK1; PDIK1; STK35L1; CLIK-1
UniProt Entry Name	STK35_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stk35-antibody-immunohistochemistry-western-blot-elisa/286292>