

Rabbit anti-Human STK36 Polyclonal Antibody | anti-STK36 antibody

STK36 Antibody

CATALOG # AAA303638	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

STK36; Polyclonal Antibody; STK36 Antibody; Serine/threonine-protein kinase 36 EC 2.7.11.1; Fused homolog STK36; anti-STK36 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total STK36 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1294
Applicable Applications for anti-STK36 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human STK36.
Target Name	STK36
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using STK36 antibody.



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using STK36 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STK36 antibody	Serine/threonine protein kinase which plays an important role in the sonic hedgehog (Shh) pathway by regulating the activity of GLI transcription factors. Controls the activity of the transcriptional regulators GLI1, GLI2 and GLI3 by opposing the effect of SUFU and promoting their nuclear localization. GLI2 requires an additional function of STK36 to become transcriptionally active, but the enzyme does not need to possess an active kinase catalytic site for this to occur. Required for postnatal development, possibly by regulating the homeostasis of cerebral spinal fluid or ciliary function. Essential for construction of the central pair apparatus of motile cilia.Murone M., Nat. Cell Biol. 2:310-312(2000).Nagase T., DNA Res. 6:337-345(1999).Hillier L.W., Nature 434:724-731(2005).
Product Categories/Family for anti-STK36 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	343183344
NCBI GeneID	27148
NCBI Accession #	NP_001230242.1
NCBI GenBank Nucleotide #	NM_001243313.1
UniProt Accession #	Q9NRP7; Q8TC32; Q9H9N9; Q9UF35; Q9ULE2; B7WPM3
Molecular Weight	141,737 Da
NCBI Official Full Name	serine/threonine-protein kinase 36 isoform 2
NCBI Official Synonym Full Names	serine/threonine kinase 36
NCBI Official Symbol	STK36
NCBI Official Synonym Symbols	FU
NCBI Protein Information	serine/threonine-protein kinase 36
UniProt Protein Name	Serine/threonine-protein kinase 36
UniProt Gene Name	STK36
UniProt Entry Name	STK36_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/stk36-antibody-immunohistochemistry-western-blot-elisa/303638>