

ARG66447 anti-STK19 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes STK19
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	STK19
Species	Human
Immunogen	Recombinant full length protein of Human STK19.
Conjugation	Un-conjugated
Alternate Names	RP1; Protein RP1; D6S60; EC 2.7.11.1; D6S60E; Serine/threonine-protein kinase 19; HLA-RP1; G11; Protein G11

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	29, 41 kDa	

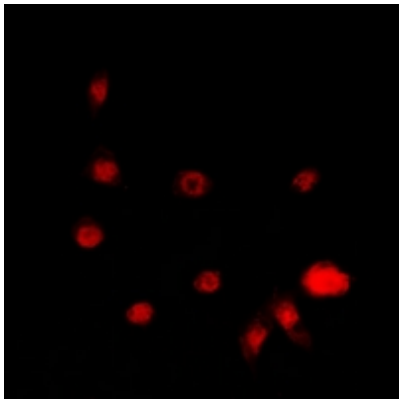
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

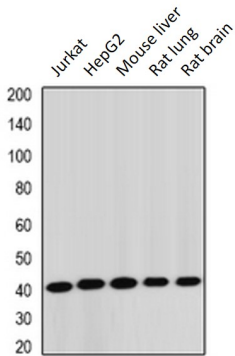
Gene Symbol	STK19
Gene Full Name	serine/threonine kinase 19
Background	This gene encodes a serine/threonine kinase which localizes predominantly to the nucleus. Its specific function is unknown; it is possible that phosphorylation of this protein is involved in transcriptional regulation. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6 and expresses two transcript variants. [provided by RefSeq, Jul 2008]
Function	Seems to be a protein kinase. In vitro it can phosphorylate casein-alpha on serine and threonine residues and histones on serine residues. [UniProt]
Calculated Mw	41 kDa
Cellular Localization	Nucleus. [UniProt]

Images



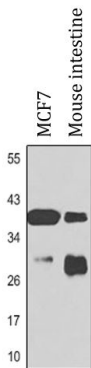
ARG66447 anti-STK19 antibody ICC/IF image

Immunofluorescence: Formalin-fixed A549 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 stained with ARG66447 anti-STK19 antibody (red) in 3% BSA-PBS and incubated overnight at 4°C in a hidified chamber.



ARG66447 anti-STK19 antibody WB image

Western blot: Jurkat, HepG2, Mouse liver, Rat lung and Rat brain whole cell lysates stained with ARG66447 anti-STK19 antibody.



ARG66447 anti-STK19 antibody WB image

Western blot: MCF7 and Mouse intestine lysates stained with ARG66447 anti-STK19 antibody.