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Datasheet for ABIN2854473 anti-STK3 antibody

Image



Overview

Quantity:	100 µL
Target:	STK3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human STK3. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to STK3 (serine/threonine kinase 3) STK3 antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	STK3

Alternative Name:	serine/threonine kinase 3 (STK3 Products)

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Target Details

Background:	Protein kinase activation is a frequent response of cells to treatment with growth factors,
	chemicals, heat shock, or apoptosis-inducing agents. This protein kinase activation presumably
	allows cells to resist unfavorable environmental conditions. The yeast 'sterile 20' (Ste20) kinase
	acts upstream of the mitogen-activated protein kinase (MAPK) cascade that is activated under
	a variety of stress conditions. MST2 was identified as a kinase that is activated by the
	proapoptotic agents straurosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed
	8816758], Lee et al., 2001 [PubMed 11278283]).[supplied by OMIM]

Cellular Localization: Cytoplasm (By similarity) , Nucleus (By similarity)

Molecular Weight:	56 kDa
Gene ID:	6788
UniProt:	Q13188
Pathways:	Tube Formation

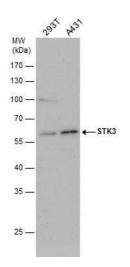
Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T, A431
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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Western Blotting

Image 1. WB Image STK3 antibody detects STK3 protein by western blot analysis. Various whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with STK3 antibody, diluted by 1:1000.

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