

Datasheet for ABIN1537264
anti-LKB1 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	LKB1 (STK11)
Binding Specificity:	AA 393-420, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LKB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Mouse Stk11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 393-420 amino acids from the C-terminal region of mouse Stk11.
Clone:	RB37144
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	LKB1 (STK11)
Alternative Name:	Stk11 (STK11 Products)

Target Details

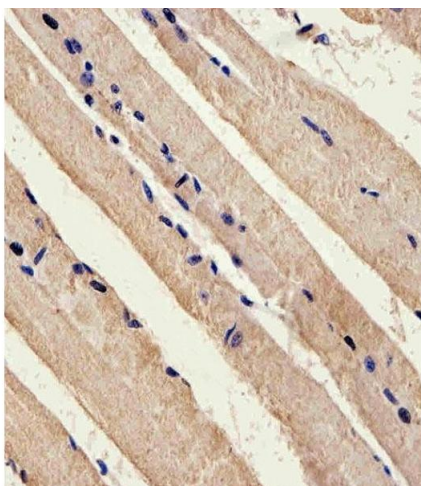
Background:	Essential role in G1 cell cycle arrest. Phosphorylates and activates members of the AMPK-related subfamily of protein kinases (By similarity). Tumor suppressor.
Molecular Weight:	49267
Gene ID:	20869
NCBI Accession:	NP_035622
UniProt:	Q9WTK7
Pathways:	AMPK Signaling , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Warburg Effect

Application Details

Application Notes:	IF: 1:25. WB: 1:1000. WB: 1:500-1:1000. IHC-P: 1:25
Restrictions:	For Research Use only

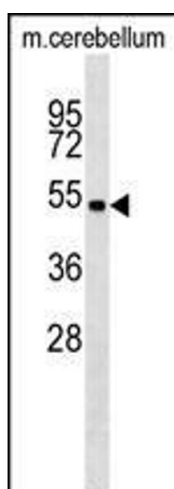
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Mouse Stk11 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



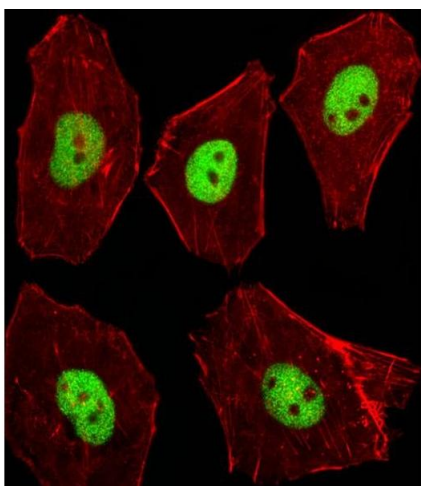
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded M.skeletal muscle section using Mouse Stk11 Antibody (C-term) (ABIN1537264 and ABIN2848945). (ABIN1537264 and ABIN2848945) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Mouse Stk11 Antibody (C-term) (ABIN1537264 and ABIN2848945) western blot analysis in mouse cerebellum tissue lysates (35 µg/lane). This demonstrates the Stk11 antibody detected the Stk11 protein (arrow).



Immunofluorescence

Image 3. Fluorescent image of A549 cells stained with XAF1 Mouse Stk11 Antibody (C-term) (ABIN1537264 and ABIN2848945). (ABIN1537264 and ABIN2848945) was diluted at 1:100 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1537264.