

Datasheet for ABIN214519  
**anti-LKB1 antibody (N-Term)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	0.05 mg
Target:	LKB1 (STK11)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LKB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Isotype:	IgG
Purification:	Immunoaffinity purified

## Target Details

Target:	LKB1 (STK11)
Alternative Name:	STK11 / LKB1 ( <a href="#">STK11 Products</a> )
Background:	Name/Gene ID: STK11 Subfamily: CAMKL Family: Protein Kinase

## Target Details

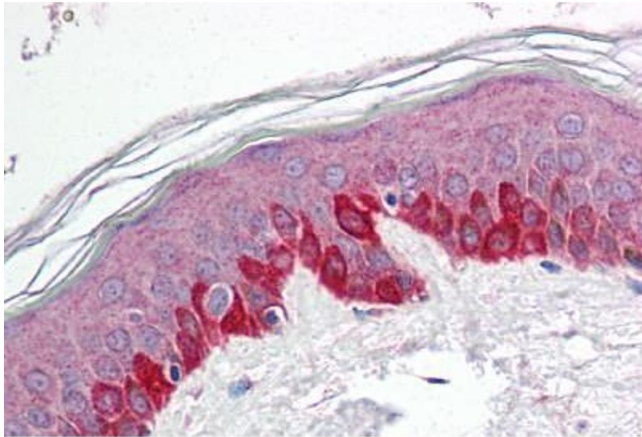
	Synonyms: STK11, HLKB1, Peutz-Jeghers syndrome, PJS, Serine/threonine kinase 11, Liver kinase B1, LKB1
Gene ID:	6794
UniProt:	<a href="#">Q15831</a>
Pathways:	<a href="#">AMPK Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Warburg Effect</a>

## Application Details

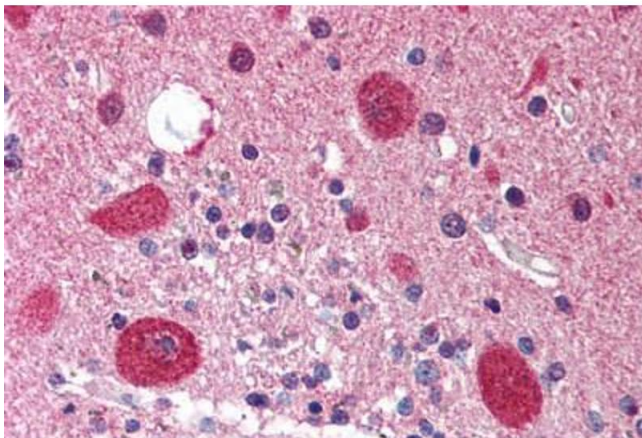
Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

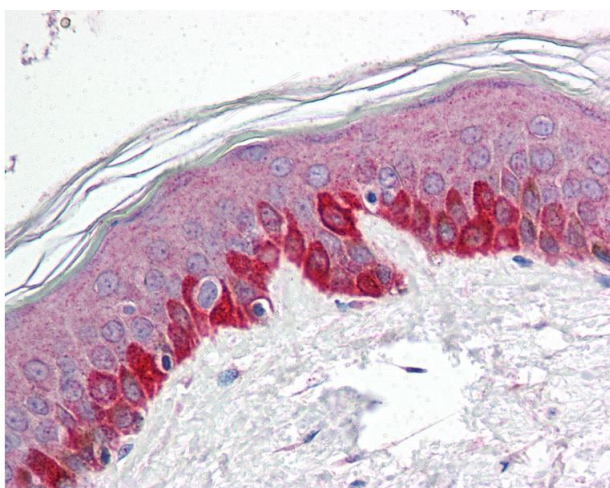
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles. Store undiluted.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 3 months and -20°C, stable for up to 1 year. Avoid repeated freeze-thaw cycles.

**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Human Skin (formalin-fixed, paraffin-embedded) stained with STK11 antibody ABIN214519 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.

**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with STK11 antibody ABIN214519 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.

**Immunohistochemistry**

**Image 3.** Anti-STK11 / LKB1 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.