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Datasheet for ABIN7408885
LKB1 Protein (AA 49-309) (His tag)

Overview

Quantity:	100 µg
Target:	LKB1 (STK11)
Protein Characteristics:	AA 49-309
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This LKB1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Tyr49-Phe309
Characteristics:	Recombinant Serine/Threonine Kinase 11 (STK11), Prokaryotic expression, Tyr49-Phe309, N-terminal His Tag
Purity:	> 97 %

Target Details

Target:	LKB1 (STK11)
Alternative Name:	Serine/Threonine Kinase 11 (STK11 Products)
Background:	LKB1, PJS, Polarization-Related Protein LKB1, Peutz-Jeghers Syndrome, Liver kinase B1, Renal carcinoma antigen NY-REN-19

Target Details

Molecular Weight:	33kDa
UniProt:	Q9WTK7
Pathways:	AMPK Signaling , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:8.1
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	100 mMNaHCO ₃ , 500 mMNaCl, pH 8.3, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months