

Datasheet for ABIN2782413
anti-SIK1 antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	SIK1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Dog, Guinea Pig, Cow, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SNF1LK
Sequence:	MVIMSEFSAD PAGQGQQQK PLRVGFYDIE RTLKGKNFAV VKLARHRVTK
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 85%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 90%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SNF1LK. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	SIK1
---------	------

Target Details

Alternative Name:	SNF1LK (SIK1 Products)
Background:	<p>SNF1LK play a transient role during the earliest stages of myocardial cell differentiation and/or primitive chamber formation and may also be important for the earliest stages of skeletal muscle growth and/or differentiation. It also plays a potential role in G2/M cell cycle regulation. It inhibits CREB activity by phosphorylating and repressing the CREB-specific coactivators, CRTC1-3.</p> <p>Alias Symbols: MSK, SIK, SNF1LK</p> <p>Protein Interaction Partner: TAB2, MAP3K7, HDAC5, UBC, SUPT5H, RPL3, PRKACA, NMNAT1, STK11, ELAVL1, YWHAZ, PRKAA1, CRTC2, VAPA,</p> <p>Protein Size: 783</p>
Molecular Weight:	85 kDa
Gene ID:	150094
NCBI Accession:	NM_173354 , NP_775490
UniProt:	P57059
Pathways:	Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 783 AA
Restrictions:	For Research Use only

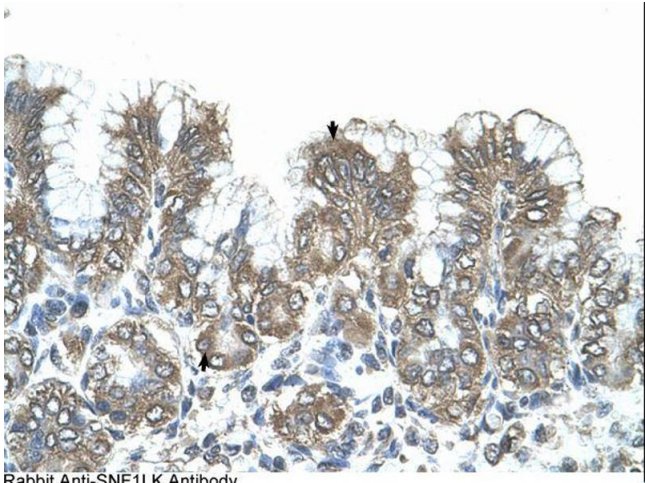
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

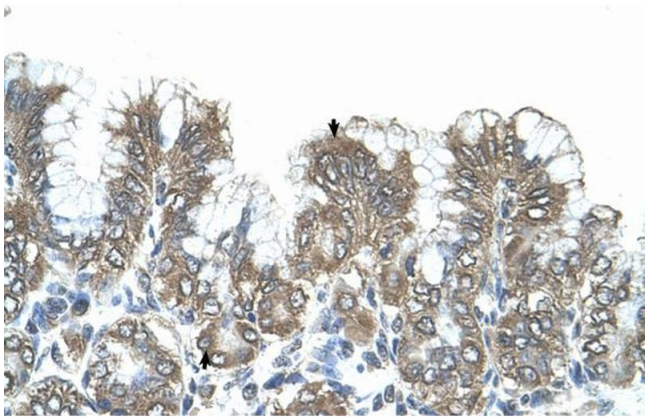
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human Stomach



Western Blotting

Image 3. WB Suggested Anti-SNF1LK Antibody Titration:
1.25ug/ml Positive Control: Jurkat cell lysate