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Datasheet for ABIN2782412

anti-SIK1 antibody (Middle Region)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	SIK1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	TPVLQSQAGL GATVLPVVSF QEGRRASDTS LTQGLKAFRQ QLRKNARTKG
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against Sik1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SIK1
Alternative Name:	Sik1 (SIK1 Products)
Background:	Sik1 inhibits CREB binding and transcription of cAMP-responsive element (CRE)-dependent

Target Details

genes Cyp11A and Star.
Alias Symbols: Sik, Snf1lk
Protein Size: 776

Molecular Weight: 85 kDa

Gene ID: 59329

NCBI Accession: [NM_021693](#), [NP_067725](#)

UniProt: [Q9R1U5](#)

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: 776 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 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.

Publications

Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of

hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in:
Diagnostic microbiology and infectious disease, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).



Western Blotting

Image 1. WB Suggested Anti-Sik1 Antibody Titration: 1.0 ug/ml Positive Control: Rat Lung