

Datasheet for ABIN652423
anti-MAP3K13 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	MAP3K13
Binding Specificity:	AA 854-884, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAP3K13 (LZK) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 854-884 amino acids from the C-terminal region of human MAP3K13 (LZK).
Clone:	RB12383
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAP3K13
Alternative Name:	MAP3K13 (LZK) (MAP3K13 Products)

Target Details

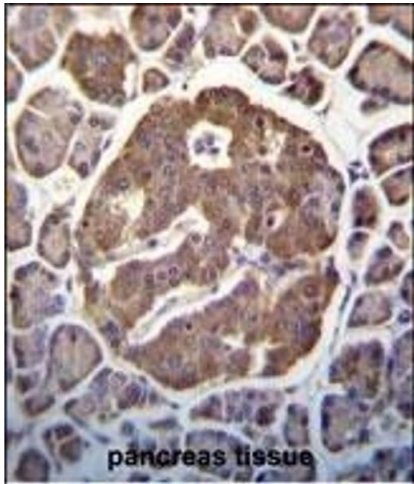
Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The tyrosine-like kinase (TLK) group consists of 40 tyrosine and serine-threonine kinases such as MLK (mixed-lineage kinase), LISK (LIMK/TESK), IRAK (interleukin-1 receptor-associated kinase), Raf, RIPK (receptor-interacting protein kinase), and STRK (activin and TGF-beta receptors) families.
Molecular Weight:	108296
Gene ID:	9175
NCBI Accession:	NP_001229243 , NP_001229246 , NP_004712
UniProt:	O43283
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

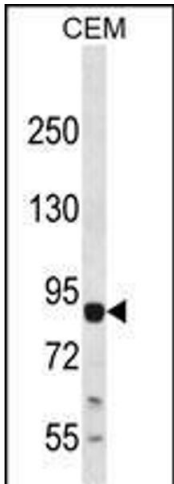
Handling

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. P3K13 (LZK) Antibody (C-term) (ABIN652423 and ABIN2842093) immunohistochemistry analysis in forlin fixed and paraffin embedded hun pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of P3K13 (LZK) Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. LZK Antibody (C-term) (ABIN652423 and ABIN2842093) western blot analysis in CEM cell line lysates (35 µg/lane).This demonstrates the LZK antibody detected the LZK protein (arrow).