

Datasheet for ABIN392103
anti-MATK antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	MATK
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MATK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MATK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MATK.
Clone:	RB03166
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MATK
Alternative Name:	MATK (MATK Products)
Background:	MATK has amino acid sequence similarity to Csk tyrosine kinase and has the structural

Target Details

features of the CSK subfamily: SRC homology SH2 and SH3 domains, a catalytic domain, a unique N terminus, lack of myristylation signals, lack of a negative regulatory phosphorylation site, and lack of an autophosphorylation site. This protein is thought to play a significant role in the signal transduction of hematopoietic cells. It is able to phosphorylate and inactivate Src family kinases, and may play an inhibitory role in the control of T-cell proliferation. This protein might be involved in signaling in some cases of breast cancer.

Molecular Weight:	56469
Gene ID:	4145
NCBI Accession:	NP_002369 , NP_647611 , NP_647612
UniProt:	P42679

Application Details

Application Notes:	WB: 1:1000
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



Western Blotting

Image 1. TK Antibody (M1) (ABIN392103 and ABIN2841857) western blot analysis in HL-60 cell line lysates (35 µg/lane). This demonstrates the TK antibody detected the TK protein (arrow).