

Datasheet for ABIN5517155 **anti-MATK antibody (C-Term)**

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Overview

Quantity:	100 µL
Target:	MATK
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MATK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MATK
Sequence:	SSCWEAEPAR RPPFRKLAEK LARELRSAGA PASVSGQDAD GSTSPRSQEP
Characteristics:	This is a rabbit polyclonal antibody against MATK. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MATK
Alternative Name:	MATK (MATK Products)
Background:	The protein encoded by this gene has amino acid sequence similarity to Csk tyrosine kinase and has the structural features of the CSK subfamily: SRC homology SH2 and SH3 domains, a

Target Details

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. Three alternatively spliced transcript variants that encode different isoforms have been described for this gene.

Alias Symbols: MATK, CTK, HYL,

Protein Interaction Partner: BRCA1, UBC, HSP90AA1, ERBB2, MYC, CACNA1A, PXN, PTK2B, NTRK1, SRC, CD36, LYN, KIT, EWSR1,

Protein Size: 507

Gene ID:	4145
NCBI Accession:	NP_647612
UniProt:	P42679

Application Details

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

Handling

Format:	Liquid
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.
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.