

DNAxPAb

Hard-to-Find  
Antibody

# MATK DNAxPab

Catalog # H00004145-W01P

Size 200 ug

## Specification

**Product Description** Rabbit polyclonal antibody raised against a full-length human MATK DNA using DNAx™ Immune technology.

**Technology** [DNAx™ Immune](#)

**Immunogen** Full-length human DNA

**Sequence** MAGRGSLSVSWRAFHGCDSAEELPRVSPRFLRAWHPPPVSARMPTRRWAPGTQCITKCEHTRP  
KPGELAFRKGDVVTILEACENKSWYRVKHHTSGQEGLLAAGALREREALSADPKLSLMPWFHGK  
ISGQEAVQQLQPPEDGLFLVRESARHPGDYVLCVSFGRDVIHYRVLHRDGHILTIDEAVFFCNLMD  
MVEHYSKDKGAICTKLVRPKRKHGTKSAEEELARAGWLLNLQHLTLGAQIGEGEFGAVLQGEYLG  
QKVAVKNIKCDVTAQAFLDETAVMTKMQHENLVRLLGVLHQGLYVMEHVS KGNLVNFLRTRGRA  
LVNTAQLLQFSLHVAEGMEYLESKKL VHRDLAARNILVSEDLVAKVSD FGLAKAERKGLDSSRLP  
VKWTAPEALKHGKFTSKSDVWSFGVLLWEVFSYGRAPYPKMSLKEVSEAVEKGYRMEPPEGC  
PGPVHVLMS SCWEAEPARRPPFRKLA EKLARELRSAGAPASVSGQDADGSTSPRSQEP

**Host** Rabbit

**Reactivity** Human

**Purification** Protein A

**Quality Control Testing** Antibody reactive against mammalian transfected lysate.

**Storage Buffer** In 1x PBS, pH 7.4

**Storage Instruction** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — MATK

Entrez GeneID [4145](#)

GeneBank Accession# [NM\\_139355.2](#)

Protein Accession# [NP\\_647612.1](#)

Gene Name MATK

Gene Alias CHK, CTK, DKFZp434N1212, HHYLTk, HYL, HYLTK, Lsk, MGC1708, MGC2101

Gene Description megakaryocyte-associated tyrosine kinase

Omim ID [600038](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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 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. [provided by RefSeq]

**Other Designations**

Csk-homologous kinase|Csk-type protein tyrosine kinase|HYL tyrosine kinase|hematopoietic consensus tyrosine-lacking kinase|hydroxyaryl-protein kinase|leukocyte carboxyl-terminal src kinase related|protein kinase HYL|tyrosine kinase MATK|tyrosine-protein k