

Rabbit MATK Polyclonal Antibody | anti-MATK antibody

MATK Polyclonal Antibody

CATALOG # AAA279742	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MATK; Polyclonal Antibody; MATK Polyclonal Antibody; CHK; CTK; HYL; Lsk; HYLTK; HHYLTk; anti-MATK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	507
Applicable Applications for anti-MATK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MATK
Calculated Molecular Weight	56kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



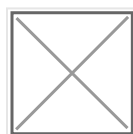
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded mouse kidney using MATK antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded rat kidney using MATK antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of THP-1 cells, using MATK antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-MATK antibody	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.
Product Categories/Family for anti-MATK antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1169123
NCBI GeneID	4145
UniProt Accession #	P42679; Q9NST8; B3KNZ9
Molecular Weight	507
NCBI Official Full Name	Megakaryocyte-associated tyrosine-protein kinase
NCBI Official Synonym Full Names	megakaryocyte-associated tyrosine kinase
NCBI Official Symbol	MATK
NCBI Official Synonym Symbols	CHK; CTK; HYL; Lsk; HYLTK; HHYLTk
NCBI Protein Information	megakaryocyte-associated tyrosine-protein kinase; protein kinase HYL; HYL tyrosine kinase; tyrosine kinase MATK; CSK homologous kinase; Csk-homologous kinase; tyrosylprotein kinase; hydroxyaryl-protein kinase; tyrosine-protein kinase CTK; Csk-type protein tyrosine kinase; leukocyte carboxyl-terminal src kinase related; hematopoietic consensus tyrosine-lacking kinase
UniProt Protein Name	Megakaryocyte-associated tyrosine-protein kinase
UniProt Gene Name	MATK
UniProt Synonym Gene Names	CTK; HYL; CHK
UniProt Entry Name	MATK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/matk-antibody-immunohistochemistry-western-blot-elisa/279742>