

Rabbit Matk Polyclonal Antibody | anti-Matk antibody

Mouse Matk Antibody (C-term)

CATALOG # AAA284039	HOST Rabbit	REACTIVITY Mouse (Predicted Reactivity: Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

Matk; Polyclonal Antibody; Mouse Matk Antibody (C-term); Megakaryocyte-associated tyrosine-protein kinase; Protein kinase NTK; Tyrosine-protein kinase CTK; Ctk; Ntk; anti-Matk antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Matk antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 477-505 amino acids from the C-terminal region of mouse Matk.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	477-505
Sequence Length	505
Applicable Applications for anti-Matk antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Mouse Matk Antibody (C-term) (AAA284039) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Matk Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Mouse Matk Antibody (C-term) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the Matk antibody detected the Matk protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Matk antibody	Could play a significant role in the signal transduction of hematopoietic cells. May regulate tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an inhibitory role in the control of T-cell proliferation.
Product Categories/Family for anti-Matk antibody	Cancer
References	Lee, B.C., et al. Blood 108(3):904-907(2006) Robinson, D.R., et al. Oncogene 19(49):5548-5557(2000) Puttagunta, R., et al. Genome Res. 10(9):1369-1380(2000) Samokhvalov, I., et al. Biochem. Mol. Biol. Int. 43(1):115-122(1997) Kozak, C.A., et al. Mamm. Genome 7(2):164-165(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754646
NCBI GeneID	17179
NCBI Accession #	NP_034898.1
NCBI GenBank Nucleotide #	NM_010768.2
UniProt Accession #	P41242; Q6LE90
Molecular Weight	56056
NCBI Official Full Name	megakaryocyte-associated tyrosine-protein kinase isoform 1
NCBI Official Synonym Full Names	megakaryocyte-associated tyrosine kinase
NCBI Official Symbol	Matk
NCBI Official Synonym Symbols	CHK; HYL; Ntk
NCBI Protein Information	megakaryocyte-associated tyrosine-protein kinase
UniProt Protein Name	Megakaryocyte-associated tyrosine-protein kinase
UniProt Gene Name	Matk
UniProt Synonym Gene Names	Ctk; Ntk
UniProt Entry Name	MATK_MOUSE

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.