

MATK Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58304

Specification

MATK Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession P42679

Reactivity Rat, Pig, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 56469

MATK Polyclonal Antibody - Additional Information

Gene ID 4145

Other Names

Megakaryocyte-associated tyrosine-protein kinase, 2.7.10.2, CSK homologous kinase, CHK, Hematopoietic consensus tyrosine-lacking kinase, Protein kinase HYL, Tyrosine-protein kinase CTK, MATK, CTK, HYL

Dilution

WB~~1:1000<br \> <span class
="dilution_IHC-P">IHC-P~~N/A<br \> <span class
="dilution_IHC-F">IHC-F~~N/A<br \> <span class
="dilution_IF">IF~~1:50~200<br \> E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MATK Polyclonal Antibody - Protein Information

Name MATK

Synonyms CTK, HYL

Function

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.

Cellular Location

Cytoplasm. Membrane. Note=In platelets, 90% of MATK localizes to the membrane fraction, and translocates to the cytoskeleton upon thrombin stimulation



Tissue Location

Expressed in various myeloid cell lines, detected in brain and lung

MATK Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

MATK Polyclonal Antibody - Images