

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 \>IHC-P~N/A<br \>IHC-F~N/A<br \>IF~1:50~200<br \>E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MATK Polyclonal Antibody - Images