

MATK Polyclonal Antibody

Catalog number: 10082-2-AP

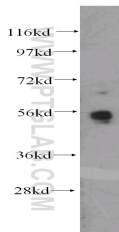
Size: 25 µg/150 µl

Source: Rabbit

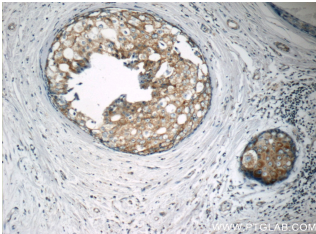
Isotype: IgG

Synonyms:

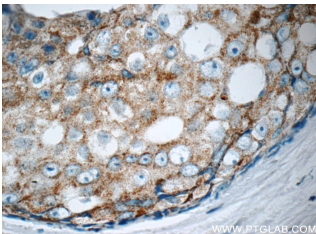
MATK; CHK, CTK,
DKFZp434N1212, HHYLTK, HYL,
HYLTK, Lsk, MATK, Protein
kinase HYL, Tyrosine protein
kinase CTK



K-562 cells were subjected to SDS PAGE followed by western blot with 10082-2-AP (MATK antibody) at dilution of 1:400



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 10082-2-AP (MATK Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 10082-2-AP (MATK Antibody) at dilution of 1:50 (under 40x lens)

Background

MATK (Megakaryocyte-associated tyrosine-protein kinase) is also named as CTK, HYL and belongs to the protein kinase superfamily. This protein can inhibit the kinase activity of certain Src kinase family members by phosphorylating the C-terminal tyrosine and by a non-catalytic mechanism. It may play an inhibitory role in the control of T-cell proliferation. MATK has 3 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated MATK MW:	56 kDa
Observed MATK MW:	52 kDa
Positive WB detected in	K-562 cells, mouse thymus tissue
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0128
GenBank accession number:	BC000114
Gene ID (NCBI):	4145
Full name:	Megakaryocyte-associated tyrosine kinase

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.