

Styk1 Rabbit pAb

Catalog # AP97178

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6J9G0
Other Accession	Q6J9G0
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47577
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Styk1
Epitope Specificity	51-150/422
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein kinase superfamily. Tyr protein kinase family. Contains 1 protein kinase domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Probable tyrosine protein-kinase, which has strong transforming capabilities on a variety of cell lines. When overexpressed, it can also induce tumor cell invasion as well as metastasis in distant organs. May act by activating both MAP kinase and phosphatidylinositol 3'-kinases (PI3K) pathways.

Additional Information

Gene ID	55359
Other Names	NOK; SuRTK106; STYK1_HUMAN; STYK1; Novel oncogene with kinase domain; Protein PK-unique; Serine/threonine/tyrosine kinase 1; 2.7.10.2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

Name	STYK1
Synonyms	NOK
Function	Probable tyrosine protein-kinase, which has strong transforming capabilities

on a variety of cell lines. When overexpressed, it can also induce tumor cell invasion as well as metastasis in distant organs. May act by activating both MAP kinase and phosphatidylinositol 3'-kinases (PI3K) pathways (By similarity).

Cellular Location

Membrane; Single-pass membrane protein

Tissue Location

Widely expressed. Highly expressed in brain, placenta and prostate. Expressed in tumor cells such as hepatoma cells L-02, cervix carcinoma cells HeLa, ovary cancer cells Ho8910 and chronic myelogenous leukemia cells K-562, but not in other tumor cells such as epidermoid carcinoma (A-431). Undetectable in most normal lung tissues, widely expressed in lung cancers

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.